



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
HOUSTON BRANCH
10625 FALLSTONE RD.
HOUSTON, TEXAS 77099

May 18, 2011

MEMORANDUM

SUBJECT: Contract Laboratory Program Data Review

FROM: *for* ^{*M. Humphrey*} Marvelyn Humphrey, ESAT Regional Project Officer
Environmental Services Branch (6MD-H)

TO: Vincent Malott, Superfund Project Manager (6SF-RA)

Site : WEST CR 112 GROUND WATER

Case#: 41214

SDG#: MF3T40

The EPA Region 6 Environmental Services Branch ESAT data review team has completed a review of the submitted Contract Laboratory Program (CLP) data package for the referenced site. The samples analyzed and reviewed are detailed in the attached Regional data review report.

The data package is acceptable for regional use. Problems, if any, are listed in the report narrative. If you have any questions regarding the data review report, please contact me at (281) 983-2140.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM

ESAT Region 6
10625 Fallstone Road
Houston, TX 77099

Alion Science and Technology

MEMORANDUM

DATE: May 17, 2011
TO: Marvelyn Humphrey, ESAT PO, Region 6 EPA
FROM: Linda Hoffman, Data Reviewer, ESAT 
THRU: Dominic G. Jarecki, ESAT Program Manager, ESAT ~~1063~~
SUBJECT: CLP Data Review

Contract No.: EP-W-06-030
TO No.: 018
Task/Sub-Task: 2-12
ESAT Doc. No.: 9018-212-0145
TDF No.: 6-10-429A
ESAT File No.: I-0364

Attached is the data review summary for Case # 41214
SDG # MF3T40
Site West CR 112 Ground Water

COMMENTS:

I. LEVEL OF DATA REVIEW

Standard Review was performed for this data package.

II. CONTRACTUAL ASSESSMENT OF THE DATA PACKAGE

The CCS and hardcopy review found the data package contractually compliant.

III. TECHNICAL USABILITY ASSESSMENT OF THE DATA PACKAGE

The total number of sample results reviewed for this data package was 440. Some results were qualified for technical problems. The significant problem is addressed below.

Laboratory blank concentrations affected three lead results.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 6
HOUSTON BRANCH
10625 FALLSTONE ROAD
HOUSTON, TEXAS 77099

INORGANIC REGIONAL DATA ASSESSMENT

CASE NO.	41214	SITE	West CR 112 Ground Water
LABORATORY	CHEM	NO. OF SAMPLES	20
CONTRACT#	EP-W-09-038	MATRIX	Water
SDG#	MF3T40	REVIEWER (IF NOT ESB)	ESAT
SOW#	ISM01.2	REVIEWER'S NAME	Linda Hoffman
SF#	302DD2CA6R6	COMPLETION DATE	May 17, 2011

SAMPLE NO.	MF3T40	MF3T44	MF3T48	MF3T52	MF3TB9
	MF3T41	MF3T45	MF3T49	MF3T53	MF3TC0
	MF3T42	MF3T46	MF3T50	MF3T64	MF3TC1
	MF3T43	MF3T47	MF3T51	MF3T70	MF3TD3

DATA ASSESSMENT SUMMARY

	ICP
1. HOLDING TIMES	<u>O</u>
2. CALIBRATIONS	<u>O</u>
3. BLANKS	<u>M</u>
4. MATRIX SPIKES	<u>O</u>
5. DUPLICATE ANALYSIS	<u>O</u>
6. ICP QC	<u>M</u>
7. LCS	<u>O</u>
8. SAMPLE VERIFICATION	<u>O</u>
9. OTHER QC	<u>N/A</u>
10. OVERALL ASSESSMENT	<u>M</u>

O = Data had no problems.

M = Data qualified due to major or minor problems.

Z = Data unacceptable.

NA = Not applicable.

ACTION ITEMS:

AREAS OF CONCERN: Laboratory blank concentrations affected some cobalt, lead, manganese, and zinc results. The magnesium and potassium serial dilution differences were above 10%.

**COMMENTS/CLARIFICATIONS
REGION 6 CLP QA REVIEW**

CASE 41214 SDG MF3T40 SITE West CR 112 Ground Water LAB CHEM

COMMENTS: This SDG consisted of 20 water samples for total metals by ICP-MS analysis following SOW ISM01.2. The sampler designated sample MF3T40 for laboratory QC analyses.

The target analyte of concern was chromium with a desired detection limit of 2 ug/L. The samples met the user's desired detection limit criteria. The target analyte of concern was reported at concentrations above the user's desired detection limit in samples MF3T42, MF3T46, MF3T51, MF3T52, MF3T53, MF3T70, and MF3TD3.

A Standard Review was performed on this package as requested by the TDF. Fifty-six percent of the reported results were above the CRQL's. The laboratory diluted (25X) and reanalyzed all samples because the calcium and sodium concentrations were over the calibration ranges. Some results were qualified for all samples because of problems with laboratory blank concentrations and/or serial dilution differences. ESAT's final data qualifiers in the DST indicate the technical usability of all reported results. An Evidence Audit was conducted for the CSF, and the audit results were reported on the Evidence Inventory Checklist.

NOTE: THE FOLLOWING REVIEW NARRATIVE ADDRESSES BOTH CONTRACTUAL ISSUES (BASED ON THE STATEMENT OF WORK) AND TECHNICAL ISSUES (BASED ON THE NATIONAL FUNCTIONAL GUIDELINES). THE ASSESSMENT MADE FOR EACH QC PARAMETER IS SOLELY BASED ON THE TECHNICAL DATA USABILITY, WHICH MAY NOT NECESSARILY BE AFFECTED BY CONTRACTUAL PROBLEMS. THE ASSESSMENTS ARE DEFINED BELOW.

Acceptable = No results were qualified for any problem associated with this QC parameter.

Provisional = Some results were qualified because of problems associated with this QC parameter.

Unusable = All results are unusable because of major problems associated with this QC parameter.

1. Holding Times: Acceptable. All samples met contractual and technical holding time criteria. Sample preservation was acceptable.

2. Calibrations: Acceptable. All calibration analyses met contractual requirements.

3. Blanks: Provisional. Preparation and calibration blanks met contractual requirements. In the reviewer's opinion, the reported analyte readings in the ICB and CCB's were attributed to instrument baseline drift and not laboratory contamination. The effects of the laboratory blank concentrations are summarized below.

**INORGANIC QA REVIEW
CONTINUATION PAGE**

CASE 41214 SDG MF3T40 SITE West CR 112 Ground Water LAB CHEM

- The results above the CRQL's for cobalt in sample MF3T70; lead in sample MF3T48; and zinc in samples MF3T44, MF3T45, MF3T53, and MF3T70 were qualified as estimated and biased high.
- The results above the CRQL's for lead in samples MF3T41 and MF3TC0 and manganese in samples MF3T49, MF3T51, and MF3TC0 were qualified as undetected ("U"), and the reported concentrations should be used as raised QL's ("C").
- Some results below the CRQL's for the following analytes should be considered undetected and were flagged "U" at the CRQL's on the DST: aluminum, antimony, beryllium, cadmium, chromium, cobalt, copper, lead, manganese, silver, thallium, and zinc.

4. Pre-digestion Matrix Spike Recovery: Acceptable. The pre-digestion matrix spike recoveries met QC criteria.

5. Duplicate Analysis: Acceptable. The laboratory duplicate differences met QC criteria.

6. ICP Quality Control:

Serial Dilution: Provisional. The reviewer qualified the magnesium and potassium results as estimated because the serial dilution differences for these analytes did not meet QC criteria.

Interference Check Sample (ICS): Acceptable. ICS results were contractually acceptable and indicated satisfactory interelement and background corrections.

Coefficients of Variation: Acceptable. Replicate instrument readings were consistent.

ICP-MS Tune: Acceptable. The tune analysis met QC criteria.

ICP-MS Internal Standards Relative Intensity: Acceptable. Internal standard performance was acceptable.

7. Laboratory Control Sample (LCS): Acceptable. The LCS recoveries were within the QC limits and indicated satisfactory sample preparation and analysis.

8. Sample Verification: Acceptable. The data package was complete. However, the laboratory was contacted for a CSF issue and a reporting issue (see Resubmission Request). The laboratory resubmission is not expected to impact the DST, so the DST included in this report is the final version.

INORGANIC QA REVIEW
CONTINUATION PAGE

CASE 41214 SDG MF3T40 SITE West CR 112 Ground Water LAB CHEM

9. Other QC: Not Applicable.

10. Overall Assessment: Some results were qualified for all samples because of problems with laboratory blank concentrations and/or serial dilution differences.

INORGANIC ACRONYMS

CADRE	Computer-Aided Data Review and Evaluation
CCB	Continuing Calibration Blank
CCS	Contract Compliance Screening
CCV	Continuing Calibration Verification
CN	Cyanide
CRQL	Contract Required Quantitation Limit
CSF	Complete SDG File
DST	Data Summary Table
HG	Mercury
ICB	Initial Calibration Blank
ICP	Inductively Coupled Plasma
ICP-AES	Inductively Coupled Plasma-Atomic Emission Spectroscopy
ICP-MS	Inductively Coupled Plasma-Mass Spectrometry
ICS	Interference Check Sample
ICV	Initial Calibration Verification
LCS	Laboratory Control Sample
MDL	Method Detection Limit
NFG	National Functional Guidelines
PE	Performance Evaluation
%D	Percent Difference
%R	Percent Recovery
%RI	Percent Relative Intensity
%RSD	Percent Relative Standard Deviation
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
RPD	Relative Percent Difference
RSCC	Regional Sample Control Center
SDG	Sample Delivery Group
SMO	Sample Management Office
SOW	Statement of Work
SQL	Sample Quantitation Limit
TAL	Target Analyte List

HEADER DEFINITIONS FOR INORGANIC EXCEL DST

CASE: Case Number
SDG: SDG Number
EPASAMP: EPA Sample Number
LABID: Laboratory File/Sample ID
MATRIX: Sample Matrix
QCCOD: Sample QC Code
SMPQUAL: Sample Qualifier
ANDATE: Sample Analysis Date
ANTIME: Sample Analysis Time
CASNUM: Compound CAS Number
ANALYTE: Compound Name
CONC: Compound Concentration
VALDQAL: Region 6 Inorganic Data Validation Qualifier (see
Inorganic Data Qualifier Definitions on the next page)
UNITS: Concentration Units
ADJCRQL: Adjusted Contract Required Quantitation Limit Value
SMPDATE: Sampling Date
PRPDATE: Sample Preparation Date
LRDATE: Laboratory Receipt Date
LEVEL: Sample Level
PERSOLD: Sample Percent Solids
SMPWTVL: Sample Weight (Soil Samples)/Initial Sample Volume
(Water Samples)
FINLVOL: Final Sample Volume
METHOD: Method of Analysis
STATLOC: Station Location

Disclaimer: ESAT verified the accuracy of the information reported in the Excel DST only for the following data fields: CASE, SDG, EPASAMP, MATRIX, ANALYTE, CONC, UNITS, ADJCRQL, VALDQAL, and PERSOLD. The data qualifiers in the VALDQAL column indicate the technical usability of the reported results.

INORGANIC DATA QUALIFIER DEFINITIONS

The following definitions provide brief explanations of the ESAT-Region 6 qualifiers assigned to results in the Data Summary Table.

- U Not detected at reported quantitation limit.
- L Reported concentration is between the MDL and the CRQL.
- J Result is estimated because of outlying quality control parameters such as matrix spike, serial dilution, etc., or the result is below the CRQL.
- R Result is unusable.
- F A possibility of a false negative exists.
- UC Reported concentration should be used as a raised quantitation limit because of blank effects and/or laboratory or field contamination.
- + High biased. Actual concentration may be lower than the concentration reported.
- Low biased. Actual concentration may be higher than the concentration reported.
- W The result should be used with caution. The result was reported on a dry weight basis although the sample did not conform to the EPA Office of Water definition of a soil sample because of its high water content (>70% moisture).

INORGANIC/ORGANIC COMPLETE SDG FILE (CSF) INVENTORY CHECKLIST

Case No. <u>41214</u>	SDG No. <u>MF3T40</u>	SDG Nos. To Follow	Mod. Ref. No.	Date Rec <u>05/04/11</u>																																		
EPA Lab ID: <u>CHEM</u>	ORIGINALS																																					
Lab location: <u>Mountainside, NJ</u>	CUSTODY SEALS																																					
Region: <u>6</u> Audit No.: <u>41214/MF3T40</u>	1. Present on package?	X																																				
Resubmitted CSF? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	2. Intact upon receipt?	X																																				
Box No(s): <u>1</u>	FORM DC-2																																					
COMMENTS: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Item</th> <th style="width: 90%;">Description</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> </tbody> </table>	Item	Description																																	3. Numbering scheme accurate?	X		
	Item	Description																																				
4. Are enclosed documents listed?	X																																					
5. Are listed documents enclosed?	X																																					
FORM DC-1																																						
6. Present?	X																																					
7. Complete?	X																																					
8. Accurate?	X																																					
TRAFFIC REPORT/CHAIN-OF-CUSTODY RECORD(s)																																						
9. Signed?	X																																					
10. Dated?	X																																					
AIRBILLS/AIRBILL STICKER																																						
11. Present?	X																																					
12. Signed?	X																																					
13. Dated?	X																																					
SAMPLE TAGS																																						
14. Does DC-1 list tags as being included?	X																																					
15. Present?	X																																					
OTHER DOCUMENTS																																						
16. Complete?	X																																					
17. Legible?	X																																					
18. Original?	X																																					
18a. If "NO", does the copy indicate where original documents are located?				X																																		

Over for additional comments.

Audited 
 Audited _____
 Signature

Linda Hoffman/ESAT Data Reviewer Date 05/12/11
 _____ Date _____
 Printed Name/Title

DC-2 _____

In Reference To Case No(s):
41214 SDG: MF3T40 (I-0364)

**Contract Laboratory Program
REGIONAL/LABORATORY COMMUNICATION SYSTEM**

Resubmission Request

Laboratory Name: CHEM
Lab Contact: Divya Mehta
Region: 6
Regional Contact: Mahmoud El-Feky - EPA
ESAT Reviewer: Linda Hoffman - ESAT

In reference to data for the following fractions:

CSF Issue ICP-MS

Summary of Questions/Issues:

CSF Issue

On the Form DC-1 on page 6, Remark #10 was not answered. Please submit this page with the remark completed.

ICP-MS

On the Form 8 (p. 52), the results in the Initial Sample Result (I), which were over the calibration ranges, and Serial Dilution Result (S) columns for calcium and sodium were reported from the 1X and 5X analyses, respectively, instead of the 25X and 125X analyses. Therefore, on Form 8, the % Differences for calcium and sodium are incorrect and the "E" flag for sodium is not required and on the Form 1's, the "E" flag for sodium is not required. In addition, on Form 13 (p. 56), calcium and sodium were X'd for sample MF3T40L from the 5X dilution analysis instead of the 25X dilution analysis. Please correct and resubmit Forms 1, 8, and 13.

NOTE: Any submitted laboratory resubmission should be clearly marked as "Additional Data" with a cover letter included describing what data is being delivered, which Case the data pertains, and who requested the data (ISM01.2, p. B-8, sec. 2.2.1). Custody seals are required for all such shipments.

Please respond to the above item **within 6 business days (ISM01.2, p. B-8, sec. 2.2)** by e-mail to El-Feky.Mahmoud@epa.gov and by regular mail to:

Mr. Mahmoud El-Feky
U.S. EPA Region 6 Laboratory
10625 Fallstone Road
Houston, TX 77099

If you have any questions, please contact Mr. El-Feky at 281-983-2128.

Distribution: (1) Lab Copy, (2) Region Copy, and (3) ESAT Copy



**USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record**

Case No: 41214
DAS No:

R

Region: 6 Project Code: EP-W-06-004 Account Code: CERCLIS ID: TXN000606992 Spill ID: Site Name/State: WCR 112 Ground Water Plume Site/TX Project Leader: LUIS VEGA Action: Remedial Investigation Sampling Co: EA Engineering, Science and Technology	Date Shipped: 4/12/2011 Carrier Name: FedEx Airbill: 7946 3300 0045 Shipped to: ChemTech Consulting Group (CHEMED) 284 Sheffield Street Mountainside NJ 07092 (908) 789-8900	Chain of Custody Record <table border="1"> <tr> <td>Relinquished By</td> <td>(Date / Time)</td> <td>Received By</td> <td>(Date / Time)</td> </tr> <tr> <td><i>[Signature]</i></td> <td>4-12-2011 17:00</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> </tr> </table>	Relinquished By	(Date / Time)	Received By	(Date / Time)	<i>[Signature]</i>	4-12-2011 17:00			2				3				4				Sampler Signature: <i>[Signature]</i>
Relinquished By	(Date / Time)	Received By	(Date / Time)																				
<i>[Signature]</i>	4-12-2011 17:00																						
2																							
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4																							

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MF3T40	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455700 (HNO3), 6-455701 (HNO3) (2)	GW-312-MS/MD	S: 4/11/2011 13:25		--
MF3T41	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455702 (HNO3) (1)	GW-272	S: 4/11/2011 13:55		--
MF3T42	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455703 (HNO3) (1)	GW-384	S: 4/11/2011 15:00		--
MF3T52	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455713 (HNO3) (1)	GW-267	S: 4/11/2011 15:49		--
MF3T60	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455721 (HNO3) (1)	GW-252	S: 4/11/2011 16:25		--
MF3T61	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455722 (HNO3), 6-455723 (HNO3) (2)	GW-165-MS/MD	S: 4/11/2011 17:17		--

Paper 15 of 20

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MF3T40, MF3T61	Additional Sampler Signature(s): <i>[Signature]</i>	Chain of Custody Seal Number:
Analysis Key: TM CLP = CLP TM ISM01.2 TCP-MS	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 6-271667327-041111-0002

REGION COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, 15000 Conference Center Dr., Chantilly, VA. 20151-3819 Phone 703/818-4200; Fax 703/818-4602

EPA USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 41214 **R**
 DAS No:

Region: 6
 Project Code: EP-W-06-004
 Account Code:
 CERCLIS ID: TXN000606992
 Spill ID:
 Site Name/State: WCR 112 Ground Water Plume Site/TX
 Project Leader: LUIS VEGA
 Action: Remedial Investigation
 Sampling Co: EA Engineering, Science and Technology

Date Shipped: 4/12/2011
 Carrier Name: FedEx
 Airbill: 7969 7135 9702
 Shipped to: ChemTech Consulting Group (CHEMED)
 284 Sheffield Street
 Mountainside NJ 07092
 (908) 789-8900

Chain of Custody Record		Sampler Signature: <i>[Signature]</i>
Relinquished By	(Date / Time)	Received By (Date / Time)
<i>[Signature]</i>	4-12-2011 1700	
2		
3		
4		

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MF3T43	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455704 (HNO3) (1)	GW-550	S: 4/11/2011 12:55		--
MF3T44	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455705 (HNO3) (1)	GW-550-D	S: 4/11/2011 12:55		Field Duplicate
MF3T45	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455706 (HNO3) (1)	GW-294	S: 4/11/2011 13:27		--
MF3T46	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455707 (HNO3) (1)	GW-152	S: 4/11/2011 13:55		--
MF3T47	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455708 (HNO3) (1)	GW-166	S: 4/11/2011 14:45		--
MF3T49	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455710 (HNO3) (1)	GW-704	S: 4/11/2011 13:50		--
MF3T50	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455711 (HNO3) (1)	GW-054	S: 4/11/2011 14:22		--
MF3T51	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455712 (HNO3) (1)	GW-053	S: 4/11/2011 14:45		--

Page 1 of 20

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>[Signature]</i>	Chain of Custody Seal Number:
Analysis Key: TM CLP = CLP TM ISM01.2 TCP-MS	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 6-271667327-041111-0001

REGION COPY



**USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record**

Case No: 41214

DAS No:

R

Region: 6 Project Code: EP-W-06-004 Account Code: CERCLIS ID: TXN000606992 Spill ID: Site Name/State: WCR 112 Ground Water Plume Site/TX Project Leader: LUIS VEGA Action: Remedial Investigation Sampling Co: EA Engineering, Science and Technology	Date Shipped: 4/12/2011 Carrier Name: FedEx Airbill: 7969 7136 0202 Shipped to: ChemTech Consulting Group (CHEMED) 284 Sheffield Street Mountainside NJ 07092 (908) 789-8900	Chain of Custody Record Relinquished By (Date / Time) [Signature] 4-12-2011 1700 Received By (Date / Time) [Signature]	Sampler Signature: [Signature]
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INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	QC Type
MF3T48	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455709 (HNO3) (1)	GW-164	S: 4/11/2011 16:08		--
MF3T53	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455714 (HNO3) (1)	GW-056	S: 4/11/2011 16:48		--
MF3T64	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455726 (HNO3) (1)	GW-281	S: 4/12/2011 8:55		--
MF3T70	Ground Water/ JACK SCHWERTZ	L/G	TM CLP (21)	6-455732 (HNO3) (1)	GW-055	S: 4/11/2011 17:36		--
MF3TB9	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455784 (HNO3) (1)	GW-345	S: 4/11/2011 17:15		--
MF3TC0	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455785 (HNO3) (1)	GW-359	S: 4/11/2011 16:50		--
MF3TC1	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455786 (HNO3) (1)	GW-366	S: 4/12/2011 9:25		--
MF3TD3	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455798 (HNO3) (1)	GW-030	S: 4/12/2011 9:27		--

Shipment for Case Complete? <input type="checkbox"/> N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [Signatures]	Chain of Custody Seal Number:
Analysis Key: TM CLP = CLP TM ISM01.2 TCP-MS	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? <input type="checkbox"/>

TR Number: 6-271667327-041211-0001

REGION COPY

CASE	SDG	EPASAMP	LABID	MATRIX	QCCODE	ANDATE	ANTIME	CASNUM	CASNUM	ANALYTE	CONC	VALDQAL	UNITS	ADJCRQL	SMPDATE	PRPDATE	LRDATE	LEVEL	PERSOLD	SMPWTVL	FINVOL	METHOD	STATLOC
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7429905	Aluminum	20.0	U	ug/L	20.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440360	Antimony	2.0	U	ug/L	2.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440382	Arsenic	6.9	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440393	Barium	24.0	U	ug/L	10.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440417	Beryllium	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440439	Cadmium	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:48:22	7440702	Calcium	310000	U	ug/L	12500		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440473	Chromium	2.0	U	ug/L	2.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440484	Cobalt	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440508	Copper	11.1	U	ug/L	2.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7439896	Iron	624	U	ug/L	200		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7439921	Lead	2.7	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7439954	Magnesium	61600	J	ug/L	500		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7439965	Manganese	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440020	Nickel	2.3	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440097	Potassium	7730	J	ug/L	500		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7782492	Selenium	22.4	U	ug/L	5.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440224	Silver	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:48:22	7440235	Sodium	212000	U	ug/L	12500		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440280	Thallium	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440622	Vanadium	29.6	U	ug/L	5.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TC1	C1851-21	W	Field_Sample	04/30/2011	00:24:34	7440666	Zinc	19.4	U	ug/L	2.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-366
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7429905	Aluminum	20.0	U	ug/L	20.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440360	Antimony	2.0	U	ug/L	2.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440382	Arsenic	8.2	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440393	Barium	35.8	U	ug/L	10.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440417	Beryllium	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440439	Cadmium	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:56:19	7440702	Calcium	217000	U	ug/L	12500		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440473	Chromium	5.6	U	ug/L	2.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440484	Cobalt	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440508	Copper	2.0	U	ug/L	2.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7439896	Iron	475	U	ug/L	200		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7439921	Lead	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7439954	Magnesium	42600	J	ug/L	500		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7439965	Manganese	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440020	Nickel	2.3	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440097	Potassium	5970	J	ug/L	500		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7782492	Selenium	13.0	U	ug/L	5.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440224	Silver	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:56:19	7440235	Sodium	320000	U	ug/L	12500		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440280	Thallium	1.0	U	ug/L	1.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440622	Vanadium	27.0	U	ug/L	5.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030
41214	MF3T40	MF3TD3	C1851-22	W	Field_Sample	04/30/2011	00:32:30	7440666	Zinc	6.3	U	ug/L	2.0		04/12/2011	04/15/2011	04/13/2011	Low	0.0	50	50	MS	GW-030

FULL INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME	<u>CHEMTECH CONSULTING GROUP, INC.</u>		
CITY/STATE	<u>MOUNTAINSIDE, NJ</u>		
CASE NO.	<u>41214</u>	SDG NO.	<u>MF3T40</u>
SDG NOs TO FOLLOW	_____		
NRAS NO.	_____		
CONTRACT NO.	<u>EPW09038</u>		
SOW NO.	<u>ISM01.2</u>		

All documents delivered in the Complete SDG File must be original documents where possible. (Reference – Exhibit B Section 2.6)

	PAGE NOs		CHECK	
	FROM	TO	LAB	REGION
1. Inventory Sheet (DC-2)	<u>1</u>	<u>2</u>	<u>√</u>	_____
2. SDG Narrative	<u>3</u>	<u>4</u>	<u>√</u>	_____
3. Sample Log-In Sheet (DC-1)	<u>5</u>	<u>7</u>	<u>√</u>	_____
4. Traffic Report/Chain of Custody Record(s)	<u>8</u>	<u>11</u>	<u>√</u>	_____
5. Cover Page	<u>12</u>	<u>13</u>	<u>√</u>	_____
Inorganic Analysis				
6. Data Sheet (Form IA-IN)	<u>14</u>	<u>33</u>	<u>√</u>	_____
7. Initial & Continuing Calibration Verification (Form IIA-IN)	<u>34</u>	<u>40</u>	<u>√</u>	_____
8. Blanks (Form III-IN)	<u>41</u>	<u>45</u>	<u>√</u>	_____
9. ICP-AES Interference Check Sample (Form IVA-IN)	_____	_____	_____	_____
10. ICP-MS Interference Check Sample (Form IVB-IN)	<u>46</u>	<u>47</u>	<u>√</u>	_____
11. Matrix Spike Sample Recovery (Form VA-IN)	<u>48</u>	<u>48</u>	<u>√</u>	_____
12. Post-Digestion Spike Sample Recovery (Form VB-IN)	<u>49</u>	<u>49</u>	<u>√</u>	_____
13. Duplicates (Form VI-IN)	<u>50</u>	<u>50</u>	<u>√</u>	_____
14. Laboratory Control Sample (Form VII-IN)	<u>51</u>	<u>51</u>	<u>√</u>	_____
15. ICP-AES and ICP-MS Serial Dilutions (Form VIII-IN)	<u>52</u>	<u>52</u>	<u>√</u>	_____
16. Method Detection Limits (Annually) (Form IX-IN)	<u>53</u>	<u>53</u>	<u>√</u>	_____
17. ICP-AES Interelement Correction Factors (Annually) (Form XA-IN)	_____	_____	_____	_____
18. ICP-AES Interelement Correction Factors (Annually) (Form XB-IN)	_____	_____	_____	_____
19. Internal Standard Association (Form XI-IN)	<u>54</u>	<u>54</u>	<u>√</u>	_____
20. Preparation Log (Form XII-IN)	<u>55</u>	<u>55</u>	<u>√</u>	_____

	PAGE NOS		LAB	CHECK REGION
	FROM	TO		
21. Analysis Run Log (Form XIII-IN)	<u>56</u>	<u>60</u>	√	___
22. ICP-MS Tune (Form XIV-IN)	<u>61</u>	<u>61</u>	√	___
23. ICP-MS Internal Standards Relative Intensity Summary (Form XV-IN)	<u>62</u>	<u>69</u>	√	___
24. Initial Calibration (Form XVI-IN)	<u>70</u>	<u>71</u>	√	___
25. ICP-AES Raw Data	___	___	___	___
26. ICP-MS Raw Data	<u>72</u>	<u>476</u>	√	___
27. Mercury Raw Data	___	___	___	___
28. Cyanide Raw Data	___	___	___	___
29. Preparation Logs Raw Data	<u>477</u>	<u>479</u>	√	___
30. Percent Solids Determination Log	___	___	___	___
31. USEPA Shipping/Receiving Documents				
Airbill (No. of Shipments <u>3</u>)	<u>480</u>	<u>482</u>	√	___
Sample Tags (<i>In a Plastic Bag w/ Page #</i>)	<u>489</u>	<u>489</u>	√	___
Sample Log-In Sheet (Lab)	<u>483</u>	<u>486</u>	√	___
32. Misc. Shipping/Receiving Records (list all individual records)				
<u>Telephone log</u>	___	___	___	___
33. Internal Lab Sample Transfer Records & Tracking Sheets (describe or list)				
<u>Internal Lab COC</u>	<u>487</u>	<u>488</u>	√	___
34. Internal Original Sample Prep & Analysis Records (describe or list)				
Prep Records _____	___	___	___	___
Analysis Records _____	___	___	___	___
Description _____	___	___	___	___
35. Other Records (describe or list)				
Communications Log	___	___	___	___
_____	___	___	___	___

36. Comments: _____

Completed By: _____
 (CLP Lab) Mildred V. Reyes Mildred V. Reyes, Document Control Officer 5/3/11
 (Signature) (Print Name & Title) (Date)

Audited By: _____
 (USEPA) _____
 (Signature) (Print Name & Title) (Date)

CHEMTECH

284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # MF3T40
CASE # 41214
CONTRACT # EPW09038
LAB NAME: CHEMTECH CONSULTING GROUP
LAB CODE: CHEM
CHEMTECH PROJECT # C1851

A. Number of Samples and Date of Receipt

20 Water Samples were delivered to the laboratory intact on 04/13/11.

B. Parameters

Test requested for Metals CLP MS= Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc.

C. Cooler Temp

Indicator Bottle: Presence/Absence
Cooler: 4°C

D. Detail Documentation (related to Sample Handling Shipping, Analytical Problem, Temp of Cooler etc):

E. Corrective Action taken for above:

F. Analytical Techniques:

All analyses were based on CLP Methodology by method ISMO1.2

G. Calculation:

Calculation example for ICP-MS Water Sample:

Results reported in Ug/L = Results in ppb X Dilution Factor (if any) X Fraction of Sample Amount Taken in ICP Water- Prep

Fraction of Sample Amount Taken in ICP-MS Water- Prep = 100/100 or 50/50 =1

CHEMTECH
284 Sheffield Street
Mountainside, NJ 07092

(If 100 ml Initial Volume taken and Final Volume was made to 100 ml or 50 ml Initial Volume and Final Volume made to 50 ml in ICP-MS Water Digestion procedure)

H. QA/ QC

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. Spike sample did meet requirements. Duplicate sample did meet requirements. Serial Dilution did meet requirements except for Magnesium, Potassium & Sodium.

I certify that the data package is in compliance with the terms and conditions of the contract both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Director or his designee, as verified by the following signature.

Signature Mildred V. Reyes

Name: Mildred V. Reyes

Date 5/3/11

Title: Document Control Officer

SAMPLE LOG-IN SHEET

Lab Name CHEMTECH CONSULTING GROUP

Received By (Print Name) <u>Kenneth Rivera</u>		Log-in Date <u>4/13/2011</u>			
Received By (Signature) <u>Ken Rivera</u>					
Case Number <u>41214</u>	Sample Delivery Group No. <u>MF3T40</u>	NRAS Number <u>N/A</u>			
Remarks: 1. Custody Seal(s) <u>Present</u> Absent* Intact/Broken 2. Custody Seal Nos. <u>N/A</u> 3. Traffic Reports/Chain Of Custody Records or Packing Lists <u>Present</u> Absent* 4. Airbill <u>Airbill</u> Sticker Present/Absent* 5. Airbill No. <u>7946 3300 0045</u> 6. Sample Tags Sample Tag # <u>Present</u> Absent* Listed/Not Listed On TR/ Chain-of-Custody 7. Sample Condition <u>Intact</u> Broken*/Leaking 8. Cooler Temperature Indicator Bottle <u>Present</u> Absent* 9. Cooler Temperature <u>4°C</u> 10. Does information on custody records, traffic reports, and sample tags agree? <u>Yes</u> /No* 11. Date Received at Lab <u>4/13/11</u> 12. Time Received <u>9:30</u>	Corresponding			Remarks: Condition of Sample shipment, etc.	
	EPA Sample #	Aqueous Sample pH	Sample Tag #	igned Lab #	
	MF3T40	<u><2</u>	6-455 <u>700</u>	C1851-01	<u>intact</u>
	MF3T40D		6-455 <u>701</u>	C1851-02	
	MF3T40S		6-455 <u>701</u>	C1851-03	
	MF3T41		6-455 <u>702</u>	C1851-04	
	MF3T42		6-455 <u>703</u>	C1851-05	
	MF3T52		6-455 <u>713</u>	C1851-06	
	Sample Transfer				
	Fraction <u>2</u>	Fraction <u>Metals</u>			
	Area # <u>2</u>	Area # <u>A21</u>			
	By <u>2</u>	By <u>Ken Rivera</u>			
	On <u>2</u>	On <u>4/13/11</u>			
* Contact SMO and attach record of resolution					
Reviewed By <u>Suehal Mehta</u>	Logbook No.				
Date <u>4/13/11</u>	Logbook Page				

SAMPLE LOG-IN SHEET

Lab Name CHEMTECH CONSULTING GROUP

Page 2 of 3

Received By (Print Name) <u>Ken Rivera</u>		Log-in Date <u>4/13/2011</u>			
Received By (Signature) <u>Ken Rivera</u>					
Case Number <u>41214</u>	Sample Delivery Group No. <u>MF3T40</u>	NRAS Number <u>N/A</u>			
Remarks: 1. Custody Seal(s) <u>Present/Absent*</u> <u>Intact/Broken</u> <u>N/A</u> 2. Custody Seal Nos. _____ 3. Traffic Reports/Chain Of Custody Records or Packing Lists <u>Present/Absent*</u> 4. Airbill <u>Airbill/Sticker</u> <u>Present/Absent*</u> 5. Airbill No. <u>7969 7135 9702</u> 6. Sample Tags <u>Present/Absent*</u> Sample Tag # <u>Listed/Not Listed</u> <u>On TR/ Chain-of-Custody</u> 7. Sample Condition <u>Intact/Broken*/Leaking</u> 8. Cooler Temperature Indicator Bottle <u>Present/Absent*</u> 9. Cooler Temperature <u>4°C</u> 10. Does information on custody records, traffic reports, and sample tags agree? Yes/No* 11. Date Received at Lab <u>4/13/11</u> 12. Time Received <u>9:30</u>	Corresponding				
	EPA Sample #	Aqueous Sample pH	Sample Tag #	Signed Lab #	Remarks: Condition of Sample shipment, etc.
	MF3T43	<u>2</u>	6-455 <u>704</u>	C1851-07	<u>intact</u>
	MF3T44		6-455 <u>705</u>	C1851-08	
	MF3T45		6-455 <u>706</u>	C1851-09	
	MF3T46		6-455 <u>707</u>	C1851-10	
	MF3T47		6-455 <u>708</u>	C1851-11	
	MF3T49		6-455 <u>710</u>	C1851-12	
	MF3T50		6-455 <u>711</u>	C1851-13	
	MF3T51		6-455 <u>712</u>	C1851-14	
	Sample Transfer				
	Fraction <u>7</u>	Fraction <u>Metals</u>			
Area # <u>7</u>	Area # <u>A21</u>				
By <u>7</u>	By <u>Ken Rivera</u>				
On <u>7</u>	On <u>4/13/11</u>				
* Contact SMO and attach record of resolution					
Reviewed By <u>Edward Menta</u>		Logbook No. _____			
Date <u>4/13/11</u>		Logbook Page _____			

SAMPLE LOG-IN SHEET

Lab Name CHEMTECH CONSULTING GROUP

Received By (Print Name) <u>Ken Rivera</u>		Log-in Date <u>4/13/2011</u>			
Received By (Signature) <u>Ken Rivera</u>					
Case Number <u>41214</u>	Sample Delivery Group No. <u>MF3T40</u>	NRAS Number <u>N/A</u>			
Remarks: 1. Custody Seal(s) <input checked="" type="radio"/> Present <input type="radio"/> Absent* <input checked="" type="radio"/> Intact <input type="radio"/> Broken <u>N/A</u> 2. Custody Seal Nos. _____ 3. Traffic Reports/Chain Of Custody Records or Packing Lists <input checked="" type="radio"/> Present <input type="radio"/> Absent* 4. Airbill <input checked="" type="radio"/> Airbill Sticker <input type="radio"/> Present <input type="radio"/> Absent* 5. Airbill No. <u>7946 3300 0321</u> <u>7969 7136 0202</u> 6. Sample Tags <input checked="" type="radio"/> Present <input type="radio"/> Absent* <u>KR</u> Sample Tag # <input checked="" type="radio"/> Listed <input type="radio"/> Not Listed <u>4/13/11</u> On TR/ Chain-of-Custody _____ 7. Sample Condition <input checked="" type="radio"/> Intact <input type="radio"/> Broken*/Leaking 8. Cooler Temperature Indicator Bottle <input checked="" type="radio"/> Present <input type="radio"/> Absent* 9. Cooler Temperature <u>4°C</u> 10. Does information on custody records, traffic reports, and sample tags agree? <input checked="" type="radio"/> Yes <input type="radio"/> No* 11. Date Received at Lab <u>4/13/11</u> 12. Time Received <u>9:30</u>	Corresponding			Remarks: Condition of Sample shipment, etc. <u>Intact</u>	
	EPA Sample #	Aqueous Sample pH	Sample Tag #		Signed Lab #
	MF3T48	<u>2</u>	6-455 <u>709</u>		C1851-15
	MF3T53		6-455 <u>714</u>		C1851-16
	MF3T64		6-455 <u>726</u>		C1851-17
	MF3T70		6-455 <u>732</u>		C1851-18
	MF3TB9		6-455 <u>784</u>		C1851-19
	MF3TC0		6-455 <u>785</u>		C1851-20
	MF3TC1		6-455 <u>786</u>		C1851-21
	MF3TD3		6-455 <u>798</u>		C1851-22
	Sample Transfer				
	Fraction <u>7</u>	Fraction <u>Metals</u>			
Area # <u>7</u>	Area # <u>21</u>				
By <u>Ken Rivera</u>	By <u>Ken Rivera</u>				
On <u>4/13/11</u>	On <u>4/13/11</u>				
* Contact SMO and attach record of resolution					
Reviewed By <u>Enoch Menta</u>	Logbook No. _____				
Date <u>4/13/11</u>	Logbook Page _____				

7

Sample Delivery Group (SDG) Cover Sheet

SDG Number MF3T40 Case Number 41214 Contract Number EPW09038
 Lab Code CHEM SDG Turnaround 21 days Delivery CLIN(s)
 First Sample Received in SDG MF3T40 Last Sample Received in SDG MF3TD3
 First Sample Receipt Date 4/13/2011 9:30:00 AM Last Sample Receipt Date 4/13/2011 9:30:00 AM

USEPA Sample Numbers in SDG (Listed in Numerical Order)

CLP Sample ID	Sample Type	Requested Analytical CLIN(s)/SubCLIN(s)	Solicitation Number	MA Number(s)
MF3T40	Field Sample	0010C	<i>NONE</i>	<i>NONE</i>
MF3T40D	Field Sample	0010C		
MF3T40S	Field Sample	0010C		
MF3T41	Field Sample	0010C		
MF3T42	Field Sample	0010C		
MF3T52	Field Sample	0010C		
MF3T43	Field Sample	0010C		
MF3T44	Field Sample	0010C		
MF3T45	Field Sample	0010C		
MF3T46	Field Sample	0010C		
MF3T47	Field Sample	0010C		
MF3T49	Field Sample	0010C		
MF3T50	Field Sample	0010C		
MF3T51	Field Sample	0010C		
MF3T48	Field Sample	0010C		
MF3T53	Field Sample	0010C		
MF3T64	Field Sample	0010C		
MF3T70	Field Sample	0010C		
MF3TB9	Field Sample	0010C		
MF3TC0	Field Sample	0010C		
MF3TC1	Field Sample	0010C		
MF3TD3	Field Sample	0010C		

Note: There are a maximum of 20 field samples (excluding PE samples) in an SDG. Attach TR/COC Records to this form in alphanumeric order (the order listed above on this form).

Signature *Suehal Mohan*

Date 4/13/11



**USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record**

Case No: 41214
DAS No:
SDG No: MF3T40 **L 9**

Date Shipped: 4/12/2011 Carrier Name: FedEx Airbill: 7946 3300 0045 Shipped to: ChemTech Consulting Group (CHEMED) 284 Sheffield Street Mountainside NJ 07092 (908) 789-8900	Chain of Custody Record		Sampler Signature:	For Lab Use Only	
	Relinquished By	(Date / Time)	Received By	(Date / Time)	Lab Contract No: EPW09038
		4-12-2011 1:00	Van Lue	4/13/11 9:30	Unit Price:
	2				Transfer To:
	3				Lab Contract No:
4				Unit Price:	

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MF3T40	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455700 (HNO3), 6-455701 (HNO3) (2)	GW-312-MS/MD	S: 4/11/2011 13:25		
MF3T41	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455702 (HNO3) (1)	GW-272	S: 4/11/2011 13:55		
MF3T42	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455703 (HNO3) (1)	GW-384	S: 4/11/2011 15:00		
MF3T52	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455713 (HNO3) (1)	GW-267	S: 4/11/2011 15:49		
MF3T60	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455721 (HNO3) (1)	GW-252	S: 4/11/2011 16:25		
MF3T61	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455722 (HNO3), 6-455723 (HNO3) (2)	GW-165-MS/MD	S: 4/11/2011 17:17		

CEPA samples! MF3T60 AND MF3T61 are in SDG # MF3T40
24-R 05/31/11

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MF3T40, MF3T61	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 4°C	Chain of Custody Seal Number: N/A
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? YES	Shipment Iced? YES
TM CLP = CLP TM ISM01.2 ICP-MS				

TR Number: 6-271667327-041111-0002

LABORATORY COPY



**USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record**

Case No: 41214
DAS No:
SDG No: MF3T40

L 10

Date Shipped: 4/12/2011 Carrier Name: FedEx Airbill: 7969 7135 9702 Shipped to: ChemTech Consulting Group (CHEMED) 284 Sheffield Street Mountainside NJ 07092 (908) 789-8900	Chain of Custody Record		Sampler Signature: <i>[Signature]</i>	For Lab Use Only	
	Relinquished By	(Date / Time)	Received By	(Date / Time)	Lab Contract No: EPW09038
	<i>[Signature]</i>	4-12-11 17:00	<i>[Signature]</i>	4-13-11 9:30	Unit Price:
	2				Transfer To:
3				Lab Contract No:	
4				Unit Price:	

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MF3T43	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455704 (HNO3) (1)	GW-550	S: 4/11/2011 12:55		
MF3T44	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455705 (HNO3) (1)	GW-550-D	S: 4/11/2011 12:55		
MF3T45	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455706 (HNO3) (1)	GW-294	S: 4/11/2011 13:27		
MF3T46	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455707 (HNO3) (1)	GW-152	S: 4/11/2011 13:55		
MF3T47	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455708 (HNO3) (1)	GW-166	S: 4/11/2011 14:45		
MF3T49	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455710 (HNO3) (1)	GW-704	S: 4/11/2011 13:50		
MF3T50	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455711 (HNO3) (1)	GW-054	S: 4/11/2011 14:22		
MF3T51	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455712 (HNO3) (1)	GW-053	S: 4/11/2011 14:45		

Shipment for Case Complete? <input type="checkbox"/>	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>[Signature]</i>	Cooler Temperature Upon Receipt: 4°C	Chain of Custody Seal Number: N/A
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input checked="" type="checkbox"/>

TM CLP = CLP TM ISM01.2 ICP-MS

TR Number: 6-271667327-041111-0001

LABORATORY COPY



**USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record**

Case No: 41214
DAS No: MF3T40
SDG No: ~~MF3T60~~ L

Date Shipped: 4/12/2011
Carrier Name: FedEx
Airbill: 7969 7136 0202
Shipped to: ChemTech Consulting Group (CHEMED)
284 Sheffield Street
Mountainside NJ 07092
(908) 789-8900

Chain of Custody Record		Sampler Signature:
Relinquished By	(Date / Time)	Received By
<i>[Signature]</i>	4-12-2011 1700	<i>[Signature]</i>
2		
3		
4		

For Lab Use Only
Lab Contract No: EPW09038
Unit Price:
Transfer To:
Lab Contract No:
Unit Price:

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MF3T48	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455709 (HNO3) (1)	GW-164	S: 4/11/2011 16:08		
MF3T53	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455714 (HNO3) (1)	GW-056	S: 4/11/2011 16:48		
MF3T64	Ground Water/ DAVID WERTH	L/G	TM CLP (21)	6-455726 (HNO3) (1)	GW-281	S: 4/12/2011 8:55		
MF3T70	Ground Water/ JACK SCHWERTZ	L/G	TM CLP (21)	6-455732 (HNO3) (1)	GW-055	S: 4/11/2011 17:36		
MF3TB9	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455784 (HNO3) (1)	GW-345	S: 4/11/2011 17:15		
MF3TC0	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455785 (HNO3) (1)	GW-359	S: 4/11/2011 16:50		
MF3TC1	Ground Water/ JAVIER MANZANO	L/G	TM CLP (21)	6-455786 (HNO3) (1)	GW-366	S: 4/12/2011 9:25		
MF3TD3	Ground Water/ JASON STROUP	L/G	TM CLP (21)	6-455798 (HNO3) (1)	GW-030	S: 4/12/2011 9:27		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>[Signatures]</i>	Cooler Temperature Upon Receipt: 4°C	Chain of Custody Seal Number: NA
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input checked="" type="checkbox"/>

TM CLP = CLP TM ISM01.2 ICP-MS

TR Number: 6-271667327-041211-0001

LABORATORY COPY

Metals

COVER PAGE

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No: 41214 Mod. Ref. No.: _____ SDG No: MF3T40
 SOW No.: ISM01.2

EPA Sample No.	Lab Sample ID
<u>MF3T40</u>	<u>C1851-01</u>
<u>MF3T40D</u>	<u>C1851-02</u>
<u>MF3T40S</u>	<u>C1851-03</u>
<u>MF3T41</u>	<u>C1851-04</u>
<u>MF3T42</u>	<u>C1851-05</u>
<u>MF3T43</u>	<u>C1851-07</u>
<u>MF3T44</u>	<u>C1851-08</u>
<u>MF3T45</u>	<u>C1851-09</u>
<u>MF3T46</u>	<u>C1851-10</u>
<u>MF3T47</u>	<u>C1851-11</u>
<u>MF3T48</u>	<u>C1851-15</u>
<u>MF3T49</u>	<u>C1851-12</u>
<u>MF3T50</u>	<u>C1851-13</u>
<u>MF3T51</u>	<u>C1851-14</u>
<u>MF3T52</u>	<u>C1851-06</u>
<u>MF3T53</u>	<u>C1851-16</u>
<u>MF3T64</u>	<u>C1851-17</u>

	ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied? (Yes/No)	<u>NO</u>	<u>YES</u>
Were ICP-AES and ICP-MS background corrections applied? (Yes/No)	<u>NO</u>	<u>YES</u>
If yes, were raw data generated before application of background corrections? (Yes/No)	<u>NO</u>	<u>N/A</u>

The laboratory did not receive any instructions with this SDG to modify the SOW standard laboratory sample preparation procedures (e.g., subsampling). To aid in the determination of data usability with respect to project decisions, any modifications performed are described below.

Comments: _____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy Data Package and in the electronic data submitted has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Mildred Reyes Name: MILDRED REYES
 Date: 5/3/11 Title: DOCUMENT CONTROL OFFICER

Metals

COVER PAGE

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No: 41214 Mod. Ref. No.: _____ SDG No: MF3T40
 SOW No.: ISM01.2

EPA Sample No.	Lab Sample ID
<u>MF3T70</u>	<u>C1851-18</u>
<u>MF3TB9</u>	<u>C1851-19</u>
<u>MF3TC0</u>	<u>C1851-20</u>
<u>MF3TC1</u>	<u>C1851-21</u>
<u>MF3TD3</u>	<u>C1851-22</u>

	(Yes/No)	ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?		<u>NO</u>	<u>YES</u>
Were ICP-AES and ICP-MS background corrections applied?		<u>NO</u>	<u>YES</u>
If yes, were raw data generated before application of background corrections?		<u>NO</u>	<u>N/A</u>

The laboratory did not receive any instructions with this SDG to modify the SOW standard laboratory sample preparation procedures (e.g., subsampling). To aid in the determination of data usability with respect to project decisions, any modifications performed are described below.

Comments: _____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy Data Package and in the electronic data submitted has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Mildred Reyes Name: MILDRED REYES
 Date: 5/3/11 Title: DOCUMENT CONTROL OFFICER

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T40

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-01

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2.2	J		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	7.5			MS
7440-39-3	Barium	30.5			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	313000		D	MS
7440-47-3	Chromium	0.94	J		MS
7440-48-4	Cobalt	0.19	J		MS
7440-50-8	Copper	4.0			MS
7439-89-6	Iron	674			MS
7439-92-1	Lead	1.0	J		MS
7439-95-4	Magnesium	63500		E	MS
7439-96-5	Manganese	0.47	J		MS
7440-02-0	Nickel	3.0			MS
7440-09-7	Potassium	8050		E	MS
7782-49-2	Selenium	23.7			MS
7440-22-4	Silver	0.11	J		MS
7440-23-5	Sodium	269000		ED	MS
7440-28-0	Thallium	0.095	J		MS
7440-62-2	Vanadium	28.5			MS
7440-66-6	Zinc	4.6			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T41

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-04

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	24.2			MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	7.5			MS
7440-39-3	Barium	51.1			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	348000		D	MS
7440-47-3	Chromium	0.77	J		MS
7440-48-4	Cobalt	0.091	J		MS
7440-50-8	Copper	8.9			MS
7439-89-6	Iron	776			MS
7439-92-1	Lead	1.3			MS
7439-95-4	Magnesium	70700		E	MS
7439-96-5	Manganese	0.57	J		MS
7440-02-0	Nickel	3.9			MS
7440-09-7	Potassium	8670		E	MS
7782-49-2	Selenium	24.6			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	258000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	25.8			MS
7440-66-6	Zinc	12.4			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T42

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 Matrix: WATER Lab Sample ID: C1851-05
 % Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	7.7			MS
7440-39-3	Barium	66.4			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	320000		D	MS
7440-47-3	Chromium	2.8			MS
7440-48-4	Cobalt	1.0	U		MS
7440-50-8	Copper	1.8	J		MS
7439-89-6	Iron	693			MS
7439-92-1	Lead	0.45	J		MS
7439-95-4	Magnesium	63100		E	MS
7439-96-5	Manganese	0.43	J		MS
7440-02-0	Nickel	2.5			MS
7440-09-7	Potassium	7950		E	MS
7782-49-2	Selenium	25.8			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	231000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	27.3			MS
7440-66-6	Zinc	11.5			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____
 Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T43

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 Matrix: WATER Lab Sample ID: C1851-07
 % Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	7.8			MS
7440-39-3	Barium	33.0			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	291000		D	MS
7440-47-3	Chromium	0.82	J		MS
7440-48-4	Cobalt	1.0	U		MS
7440-50-8	Copper	1.9	J		MS
7439-89-6	Iron	579			MS
7439-92-1	Lead	0.41	J		MS
7439-95-4	Magnesium	59700		E	MS
7439-96-5	Manganese	0.17	J		MS
7440-02-0	Nickel	2.3			MS
7440-09-7	Potassium	6990		E	MS
7782-49-2	Selenium	27.1			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	291000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	29.1			MS
7440-66-6	Zinc	3.5			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____
 Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T44

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-08

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	8.3			MS
7440-39-3	Barium	32.4			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	288000		D	MS
7440-47-3	Chromium	0.83	J		MS
7440-48-4	Cobalt	1.0	U		MS
7440-50-8	Copper	1.4	J		MS
7439-89-6	Iron	566			MS
7439-92-1	Lead	0.34	J		MS
7439-95-4	Magnesium	59400		E	MS
7439-96-5	Manganese	0.15	J		MS
7440-02-0	Nickel	2.0			MS
7440-09-7	Potassium	6900		E	MS
7782-49-2	Selenium	28.5			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	286000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	29.2			MS
7440-66-6	Zinc	2.2			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T45

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-09

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	9.0			MS
7440-39-3	Barium	40.5			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	281000		D	MS
7440-47-3	Chromium	1.0	J		MS
7440-48-4	Cobalt	1.0	U		MS
7440-50-8	Copper	1.2	J		MS
7439-89-6	Iron	592			MS
7439-92-1	Lead	0.33	J		MS
7439-95-4	Magnesium	59000		E	MS
7439-96-5	Manganese	1.0	U		MS
7440-02-0	Nickel	2.5			MS
7440-09-7	Potassium	6960		E	MS
7782-49-2	Selenium	26.4			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	319000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	30.8			MS
7440-66-6	Zinc	2.1			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T46

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 Matrix: WATER Lab Sample ID: C1851-10
 % Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1.9	J		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	7.9			MS
7440-39-3	Barium	20.9			MS
7440-41-7	Beryllium	0.062	J		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	302000		D	MS
7440-47-3	Chromium	32.0			MS
7440-48-4	Cobalt	1.0	U		MS
7440-50-8	Copper	3.2			MS
7439-89-6	Iron	654			MS
7439-92-1	Lead	0.92	J		MS
7439-95-4	Magnesium	66600		E	MS
7439-96-5	Manganese	0.62	J		MS
7440-02-0	Nickel	2.1			MS
7440-09-7	Potassium	7620		E	MS
7782-49-2	Selenium	26.2			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	262000		ED	MS
7440-28-0	Thallium	0.12	J		MS
7440-62-2	Vanadium	30.6			MS
7440-66-6	Zinc	9.7			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____
 Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T47

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-11

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3.0	J		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	8.6			MS
7440-39-3	Barium	18.1			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	432000		D	MS
7440-47-3	Chromium	0.82	J		MS
7440-48-4	Cobalt	1.0	U		MS
7440-50-8	Copper	8.0			MS
7439-89-6	Iron	875			MS
7439-92-1	Lead	0.44	J		MS
7439-95-4	Magnesium	83900		E	MS
7439-96-5	Manganese	0.29	J		MS
7440-02-0	Nickel	3.6			MS
7440-09-7	Potassium	10200		E	MS
7782-49-2	Selenium	37.3			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	401000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	25.1			MS
7440-66-6	Zinc	11.1			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T48

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-15

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	3.1	J		MS
7440-36-0	Antimony	0.19	J		MS
7440-38-2	Arsenic	6.3			MS
7440-39-3	Barium	22.3			MS
7440-41-7	Beryllium	0.10	J		MS
7440-43-9	Cadmium	0.12	J		MS
7440-70-2	Calcium	360000		D	MS
7440-47-3	Chromium	0.99	J		MS
7440-48-4	Cobalt	1.0	U		MS
7440-50-8	Copper	4.1			MS
7439-89-6	Iron	809			MS
7439-92-1	Lead	1.5			MS
7439-95-4	Magnesium	70300		E	MS
7439-96-5	Manganese	0.62	J		MS
7440-02-0	Nickel	2.6			MS
7440-09-7	Potassium	9470		E	MS
7782-49-2	Selenium	37.5			MS
7440-22-4	Silver	0.098	J		MS
7440-23-5	Sodium	333000		ED	MS
7440-28-0	Thallium	0.13	J		MS
7440-62-2	Vanadium	22.0			MS
7440-66-6	Zinc	18.6			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T49

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 Matrix: WATER Lab Sample ID: C1851-12
 % Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	9.6			MS
7440-39-3	Barium	34.0			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	183000		D	MS
7440-47-3	Chromium	0.81	J		MS
7440-48-4	Cobalt	1.0	U		MS
7440-50-8	Copper	1.3	J		MS
7439-89-6	Iron	415			MS
7439-92-1	Lead	0.39	J		MS
7439-95-4	Magnesium	29900		E	MS
7439-96-5	Manganese	1.1			MS
7440-02-0	Nickel	1.7			MS
7440-09-7	Potassium	6300		E	MS
7782-49-2	Selenium	14.1			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	243000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	35.5			MS
7440-66-6	Zinc	6.7			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____
 Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T50

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 Matrix: WATER Lab Sample ID: C1851-13
 % Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	6.4			MS
7440-39-3	Barium	33.1			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	246000		D	MS
7440-47-3	Chromium	1.0	J		MS
7440-48-4	Cobalt	1.0	U		MS
7440-50-8	Copper	0.87	J		MS
7439-89-6	Iron	488			MS
7439-92-1	Lead	0.43	J		MS
7439-95-4	Magnesium	44600		E	MS
7439-96-5	Manganese	0.31	J		MS
7440-02-0	Nickel	1.8			MS
7440-09-7	Potassium	7410		E	MS
7782-49-2	Selenium	24.8			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	331000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	21.8			MS
7440-66-6	Zinc	1.2	J		MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____
 Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T51

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-14

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1.7	J		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	9.0			MS
7440-39-3	Barium	24.3			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	263000		D	MS
7440-47-3	Chromium	24.3			MS
7440-48-4	Cobalt	0.40	J		MS
7440-50-8	Copper	1.3	J		MS
7439-89-6	Iron	529			MS
7439-92-1	Lead	0.50	J		MS
7439-95-4	Magnesium	48000		E	MS
7439-96-5	Manganese	1.2			MS
7440-02-0	Nickel	9.9			MS
7440-09-7	Potassium	6410		E	MS
7782-49-2	Selenium	20.3			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	423000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	30.4			MS
7440-66-6	Zinc	3.6			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T52

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-06

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	9.0			MS
7440-39-3	Barium	20.0			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	236000		D	MS
7440-47-3	Chromium	2.7			MS
7440-48-4	Cobalt	0.13	J		MS
7440-50-8	Copper	1.8	J		MS
7439-89-6	Iron	488			MS
7439-92-1	Lead	0.52	J		MS
7439-95-4	Magnesium	42400		E	MS
7439-96-5	Manganese	0.25	J		MS
7440-02-0	Nickel	2.1			MS
7440-09-7	Potassium	4920		E	MS
7782-49-2	Selenium	13.5			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	379000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	30.4			MS
7440-66-6	Zinc	2.8			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T53

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-16

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	8.9			MS
7440-39-3	Barium	21.5			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	291000		D	MS
7440-47-3	Chromium	9.5			MS
7440-48-4	Cobalt	0.14	J		MS
7440-50-8	Copper	2.7			MS
7439-89-6	Iron	633			MS
7439-92-1	Lead	0.60	J		MS
7439-95-4	Magnesium	55000		E	MS
7439-96-5	Manganese	0.51	J		MS
7440-02-0	Nickel	2.8			MS
7440-09-7	Potassium	5540		E	MS
7782-49-2	Selenium	19.5			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	447000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	27.3			MS
7440-66-6	Zinc	2.4			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T64

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-17

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	7.4			MS
7440-39-3	Barium	47.0			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	408000		D	MS
7440-47-3	Chromium	0.70	J		MS
7440-48-4	Cobalt	0.19	J		MS
7440-50-8	Copper	3.8			MS
7439-89-6	Iron	848			MS
7439-92-1	Lead	0.73	J		MS
7439-95-4	Magnesium	88600		E	MS
7439-96-5	Manganese	0.17	J		MS
7440-02-0	Nickel	3.6			MS
7440-09-7	Potassium	9170		E	MS
7782-49-2	Selenium	31.6			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	385000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	25.3			MS
7440-66-6	Zinc	3.3			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3T70

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-18

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	9.9			MS
7440-39-3	Barium	20.7			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	255000		D	MS
7440-47-3	Chromium	23.8			MS
7440-48-4	Cobalt	1.2			MS
7440-50-8	Copper	3.3			MS
7439-89-6	Iron	520			MS
7439-92-1	Lead	0.65	J		MS
7439-95-4	Magnesium	52100		E	MS
7439-96-5	Manganese	0.20	J		MS
7440-02-0	Nickel	3.9			MS
7440-09-7	Potassium	5850		E	MS
7782-49-2	Selenium	19.5			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	478000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	33.7			MS
7440-66-6	Zinc	2.4			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3TB9

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-19

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	7.4			MS
7440-39-3	Barium	37.4			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	353000		D	MS
7440-47-3	Chromium	0.73	J		MS
7440-48-4	Cobalt	0.062	J		MS
7440-50-8	Copper	1.6	J		MS
7439-89-6	Iron	684			MS
7439-92-1	Lead	0.56	J		MS
7439-95-4	Magnesium	63600		E	MS
7439-96-5	Manganese	0.44	J		MS
7440-02-0	Nickel	3.2			MS
7440-09-7	Potassium	8310		E	MS
7782-49-2	Selenium	22.3			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	253000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	24.7			MS
7440-66-6	Zinc	8.5			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3TC0

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 Matrix: WATER Lab Sample ID: C1851-20
 % Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1.5	J		MS
7440-36-0	Antimony	0.18	J		MS
7440-38-2	Arsenic	10.0			MS
7440-39-3	Barium	57.0			MS
7440-41-7	Beryllium	0.079	J		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	373000		D	MS
7440-47-3	Chromium	0.96	J		MS
7440-48-4	Cobalt	0.95	J		MS
7440-50-8	Copper	9.4			MS
7439-89-6	Iron	823			MS
7439-92-1	Lead	1.3			MS
7439-95-4	Magnesium	73200		E	MS
7439-96-5	Manganese	1.5			MS
7440-02-0	Nickel	5.4			MS
7440-09-7	Potassium	8640		E	MS
7782-49-2	Selenium	22.5			MS
7440-22-4	Silver	0.077	J		MS
7440-23-5	Sodium	289000		ED	MS
7440-28-0	Thallium	0.15	J		MS
7440-62-2	Vanadium	44.1			MS
7440-66-6	Zinc	12.8			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____
 Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3TC1

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-21

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1.6	J		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	6.9			MS
7440-39-3	Barium	24.0			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	310000		D	MS
7440-47-3	Chromium	1.5	J		MS
7440-48-4	Cobalt	1.0	U		MS
7440-50-8	Copper	11.1			MS
7439-89-6	Iron	624			MS
7439-92-1	Lead	2.7			MS
7439-95-4	Magnesium	61600		E	MS
7439-96-5	Manganese	0.31	J		MS
7440-02-0	Nickel	2.3			MS
7440-09-7	Potassium	7730		E	MS
7782-49-2	Selenium	22.4			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	212000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	29.6			MS
7440-66-6	Zinc	19.4			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MF3TD3

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER Lab Sample ID: C1851-22

% Solids: _____ Date Received: 04/13/2011

Concentration Units (ug/L, ug, or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	20.0	U		MS
7440-36-0	Antimony	2.0	U		MS
7440-38-2	Arsenic	8.2			MS
7440-39-3	Barium	35.8			MS
7440-41-7	Beryllium	1.0	U		MS
7440-43-9	Cadmium	1.0	U		MS
7440-70-2	Calcium	217000		D	MS
7440-47-3	Chromium	5.6			MS
7440-48-4	Cobalt	0.22	J		MS
7440-50-8	Copper	1.1	J		MS
7439-89-6	Iron	475			MS
7439-92-1	Lead	0.50	J		MS
7439-95-4	Magnesium	42600		E	MS
7439-96-5	Manganese	0.32	J		MS
7440-02-0	Nickel	2.3			MS
7440-09-7	Potassium	5970		E	MS
7782-49-2	Selenium	13.0			MS
7440-22-4	Silver	1.0	U		MS
7440-23-5	Sodium	320000		ED	MS
7440-28-0	Thallium	1.0	U		MS
7440-62-2	Vanadium	27.0			MS
7440-66-6	Zinc	6.3			MS

Color Before: COLORLESS Clarity Before: CLEAR Texture: _____

Color After: COLORLESS Clarity After: CLEAR Artifacts: _____

Comments: _____

Metals
2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: INOR-MP6686

Concentration Units: ug/L

Analyte	Initial Calibration Verification			Continuing Calibration Verification					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum	504.0	540.00	107	10000.0	10180.00	102	10020.00	100	MS
Antimony	199.0	189.40	95	500.0	502.80	101	505.60	101	MS
Arsenic	200.0	192.00	96	500.0	498.00	100	488.80	98	MS
Barium	99.0	100.30	101	2500.0	2490.00	100	2490.00	100	MS
Beryllium	99.0	93.57	95	500.0	490.50	98	475.10	95	MS
Cadmium	99.0	98.62	100	500.0	505.90	101	505.10	101	MS
Calcium	2005.0	2010.00	100	50000.0	49170.00	98	49520.00	99	MS
Chromium	98.0	95.02	97	500.0	495.00	99	491.50	98	MS
Cobalt	100.0	97.97	98	500.0	494.20	99	487.80	98	MS
Copper	98.0	100.60	103	1000.0	985.30	99	967.20	97	MS
Iron	1016.0	1028.00	101	25000.0	25310.00	101	25270.00	101	MS
Lead	200.0	194.30	97	500.0	497.10	99	501.30	100	MS
Magnesium	1215.0	1282.00	106	50000.0	51730.00	103	51480.00	103	MS
Manganese	100.0	98.44	98	1000.0	1011.00	101	1015.00	102	MS
Nickel	101.0	97.93	97	500.0	493.50	99	482.50	96	MS
Potassium	2004.0	1974.00	99	25000.0	25630.00	103	25550.00	102	MS
Selenium	206.0	190.10	92	500.0	499.80	100	493.70	99	MS
Silver	100.0	98.61	99	500.0	504.20	101	504.50	101	MS
Sodium	2019.0	2054.00	102	50000.0	51740.00	103	51170.00	102	MS
Thallium	206.0	195.90	95	500.0	496.70	99	499.70	100	MS
Vanadium	100.0	95.89	96	500.0	491.70	98	487.30	97	MS
Zinc	205.0	197.20	96	1000.0	1000.00	100	1004.00	100	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals
2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: INOR-MP6686

Concentration Units: ug/L

Analyte	Initial Calibration Verification			Continuing Calibration Verification					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10010.00	100	10040.00	100	MS
Antimony				500.0	501.50	100	497.00	99	MS
Arsenic				500.0	496.50	99	494.80	99	MS
Barium				2500.0	2499.00	100	2474.00	99	MS
Beryllium				500.0	489.00	98	489.60	98	MS
Cadmium				500.0	501.80	100	497.20	99	MS
Calcium				50000.0	48880.00	98	49090.00	98	MS
Chromium				500.0	493.50	99	490.90	98	MS
Cobalt				500.0	491.90	98	489.90	98	MS
Copper				1000.0	989.80	99	988.40	99	MS
Iron				25000.0	25240.00	101	25390.00	102	MS
Lead				500.0	498.20	100	494.50	99	MS
Magnesium				50000.0	50280.00	101	50550.00	101	MS
Manganese				1000.0	1004.00	100	1003.00	100	MS
Nickel				500.0	490.80	98	488.70	98	MS
Potassium				25000.0	25470.00	102	25380.00	102	MS
Selenium				500.0	499.70	100	496.10	99	MS
Silver				500.0	504.60	101	497.40	99	MS
Sodium				50000.0	50160.00	100	50620.00	101	MS
Thallium				500.0	497.60	100	492.50	98	MS
Vanadium				500.0	491.90	98	492.30	98	MS
Zinc				1000.0	996.20	100	1003.00	100	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals
2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: INOR-MP6686

Concentration Units: ug/L

Analyte	Initial Calibration Verification			Continuing Calibration Verification					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10120.00	101	10240.00	102	MS
Antimony				500.0	505.40	101	504.00	101	MS
Arsenic				500.0	500.80	100	500.60	100	MS
Barium				2500.0	2502.00	100	2525.00	101	MS
Beryllium				500.0	505.00	101	511.80	102	MS
Cadmium				500.0	502.90	101	503.70	101	MS
Calcium				50000.0	49630.00	99	49860.00	100	MS
Chromium				500.0	496.50	99	500.00	100	MS
Cobalt				500.0	494.50	99	497.30	99	MS
Copper				1000.0	990.20	99	1001.00	100	MS
Iron				25000.0	25630.00	103	25660.00	103	MS
Lead				500.0	499.90	100	503.30	101	MS
Magnesium				50000.0	51310.00	103	51220.00	102	MS
Manganese				1000.0	1009.00	101	1013.00	101	MS
Nickel				500.0	493.30	99	496.70	99	MS
Potassium				25000.0	25720.00	103	25810.00	103	MS
Selenium				500.0	493.70	99	496.70	99	MS
Silver				500.0	505.10	101	505.90	101	MS
Sodium				50000.0	50970.00	102	50940.00	102	MS
Thallium				500.0	501.40	100	501.20	100	MS
Vanadium				500.0	494.80	99	501.30	100	MS
Zinc				1000.0	1010.00	101	1010.00	101	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals
2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: INOR-MP6686

Concentration Units: ug/L

Analyte	Initial Calibration Verification			Continuing Calibration Verification					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10160.00	102	10000.00	100	MS
Antimony				500.0	505.10	101	499.80	100	MS
Arsenic				500.0	508.00	102	492.10	98	MS
Barium				2500.0	2534.00	101	2512.00	100	MS
Beryllium				500.0	503.20	101	493.20	99	MS
Cadmium				500.0	503.40	101	495.70	99	MS
Calcium				50000.0	50190.00	100	49010.00	98	MS
Chromium				500.0	501.00	100	486.90	97	MS
Cobalt				500.0	495.10	99	482.10	96	MS
Copper				1000.0	997.70	100	966.30	97	MS
Iron				25000.0	25890.00	104	25250.00	101	MS
Lead				500.0	504.50	101	495.10	99	MS
Magnesium				50000.0	50640.00	101	50450.00	101	MS
Manganese				1000.0	1011.00	101	990.00	99	MS
Nickel				500.0	498.40	100	480.10	96	MS
Potassium				25000.0	26050.00	104	25710.00	103	MS
Selenium				500.0	501.00	100	488.10	98	MS
Silver				500.0	505.00	101	497.40	99	MS
Sodium				50000.0	50480.00	101	50250.00	100	MS
Thallium				500.0	501.40	100	493.90	99	MS
Vanadium				500.0	499.80	100	488.70	98	MS
Zinc				1000.0	1015.00	102	1001.00	100	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals
2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: INOR-MP6686

Concentration Units: ug/L

Analyte	Initial Calibration Verification			Continuing Calibration Verification					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10240.00	102	10270.00	103	MS
Antimony				500.0	498.90	100	510.30	102	MS
Arsenic				500.0	494.00	99	496.90	99	MS
Barium				2500.0	2513.00	101	2555.00	102	MS
Beryllium				500.0	511.90	102	516.70	103	MS
Cadmium				500.0	500.50	100	507.10	101	MS
Calcium				50000.0	49740.00	99	49800.00	100	MS
Chromium				500.0	497.50	100	495.10	99	MS
Cobalt				500.0	491.80	98	491.30	98	MS
Copper				1000.0	996.00	100	988.50	99	MS
Iron				25000.0	25600.00	102	25790.00	103	MS
Lead				500.0	499.20	100	503.70	101	MS
Magnesium				50000.0	51200.00	102	51730.00	103	MS
Manganese				1000.0	1005.00	100	1003.00	100	MS
Nickel				500.0	493.10	99	490.80	98	MS
Potassium				25000.0	26010.00	104	26060.00	104	MS
Selenium				500.0	491.50	98	496.40	99	MS
Silver				500.0	501.40	100	508.50	102	MS
Sodium				50000.0	51040.00	102	51310.00	103	MS
Thallium				500.0	498.30	100	502.00	100	MS
Vanadium				500.0	495.30	99	494.70	99	MS
Zinc				1000.0	1003.00	100	1011.00	101	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals
2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: INOR-MP6686

Concentration Units: ug/L

Analyte	Initial Calibration Verification			Continuing Calibration Verification					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10060.00	101	10180.00	102	MS
Antimony				500.0	494.60	99	499.20	100	MS
Arsenic				500.0	491.00	98	492.50	98	MS
Barium				2500.0	2486.00	99	2498.00	100	MS
Beryllium				500.0	508.00	102	510.20	102	MS
Cadmium				500.0	492.70	99	499.10	100	MS
Calcium				50000.0	49040.00	98	49450.00	99	MS
Chromium				500.0	490.70	98	492.30	98	MS
Cobalt				500.0	484.70	97	488.90	98	MS
Copper				1000.0	984.30	98	991.20	99	MS
Iron				25000.0	25440.00	102	25650.00	103	MS
Lead				500.0	493.50	99	498.40	100	MS
Magnesium				50000.0	50170.00	100	50500.00	101	MS
Manganese				1000.0	990.70	99	998.50	100	MS
Nickel				500.0	486.90	97	491.40	98	MS
Potassium				25000.0	25460.00	102	25730.00	103	MS
Selenium				500.0	487.80	98	491.60	98	MS
Silver				500.0	495.00	99	503.00	101	MS
Sodium				50000.0	50300.00	101	50160.00	100	MS
Thallium				500.0	494.00	99	499.20	100	MS
Vanadium				500.0	488.30	98	493.20	99	MS
Zinc				1000.0	984.30	98	997.60	100	MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals
2A-IN
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Initial Calibration Verification Source: EPA-0307

Continuing Calibration Verification Source: INOR-MP6686

Concentration Units: ug/L

Analyte	Initial Calibration Verification			Continuing Calibration Verification					M
	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	
Aluminum				10000.0	10140.00	101			MS
Antimony				500.0	497.30	99			MS
Arsenic				500.0	489.10	98			MS
Barium				2500.0	2485.00	99			MS
Beryllium				500.0	507.90	102			MS
Cadmium				500.0	497.80	100			MS
Calcium				50000.0	49480.00	99			MS
Chromium				500.0	493.30	99			MS
Cobalt				500.0	486.80	97			MS
Copper				1000.0	994.10	99			MS
Iron				25000.0	25450.00	102			MS
Lead				500.0	498.50	100			MS
Magnesium				50000.0	50510.00	101			MS
Manganese				1000.0	991.00	99			MS
Nickel				500.0	487.30	97			MS
Potassium				25000.0	25490.00	102			MS
Selenium				500.0	488.70	98			MS
Silver				500.0	499.40	100			MS
Sodium				50000.0	50530.00	101			MS
Thallium				500.0	495.50	99			MS
Vanadium				500.0	493.70	99			MS
Zinc				1000.0	997.50	100			MS

(1) Control Limits: Mercury 85-115; Other Metals 90-110; Cyanide 85-115

Metals

**3-IN
BLANKS**

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Preparation Blank Matrix (soil/water/wipe/filter): WATER

Preparation Blank Concentration Units (ug/L, ug, or mg/kg): UG/L

Analyte	Initial Calibration Blank(ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Aluminum	2.883	J	6.221	J	3.050	J	2.851	J	3.195	J	MS
Antimony	0.532	J	0.347	J	0.390	J	0.373	J	2.000	U	MS
Arsenic	0.299	J	1.000	U	0.197	J	0.241	J	1.000	U	MS
Barium	0.785	J	0.526	J	0.855	J	0.776	J	10.000	U	MS
Beryllium	0.167	J	0.100	J	0.127	J	0.183	J	1.000	U	MS
Cadmium	0.188	J	0.113	J	0.213	J	0.180	J	1.000	U	MS
Calcium	13.250	J	14.340	J	13.710	J	22.340	J	500.000	U	MS
Chromium	0.145	J	0.102	J	0.144	J	0.181	J	2.000	U	MS
Cobalt	0.225	J	0.103	J	0.154	J	0.171	J	1.000	U	MS
Copper	0.339	J	0.238	J	0.349	J	0.332	J	0.106	J	MS
Iron	200.000	U	9.461	J	200.000	U	10.320	J	200.000	U	MS
Lead	0.285	J	0.115	J	0.175	J	0.168	J	1.000	U	MS
Magnesium	15.450	J	15.810	J	17.040	J	17.340	J	7.008	J	MS
Manganese	0.335	J	0.235	J	0.334	J	0.315	J	1.000	U	MS
Nickel	0.172	J	1.000	U	0.210	J	0.184	J	1.000	U	MS
Potassium	500.000	U	28.590	J	18.640	J	500.000	U	18.910	J	MS
Selenium	5.000	U	5.000	U	5.000	U	5.000	U	5.000	U	MS
Silver	0.226	J	0.162	J	0.205	J	0.213	J	1.000	U	MS
Sodium	25.940	J	17.090	J	31.790	J	-10.130	J	14.870	J	MS
Thallium	0.319	J	0.160	J	0.211	J	0.212	J	1.000	U	MS
Vanadium	0.289	J	5.000	U	0.269	J	-0.338	J	5.000	U	MS
Zinc	0.386	J	2.000	U	0.263	J	0.291	J	2.000	U	MS

Metals

**3-IN
BLANKS**

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Preparation Blank Matrix (soil/water/wipe/filter): _____

Preparation Blank Concentration Units (ug/L, ug, or mg/kg): _____

Analyte	Initial Calibration Blank(ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Aluminum			3.019	J	1.565	J	3.216	J			MS
Antimony			0.385	J	0.382	J	0.411	J			MS
Arsenic			1.000	U	1.000	U	0.206	J			MS
Barium			0.922	J	0.558	J	1.014	J			MS
Beryllium			0.160	J	0.095	J	0.225	J			MS
Cadmium			0.190	J	0.123	J	0.258	J			MS
Calcium			21.020	J	16.820	J	24.760	J			MS
Chromium			0.232	J	0.180	J	0.242	J			MS
Cobalt			0.171	J	0.099	J	0.192	J			MS
Copper			0.301	J	0.202	J	0.372	J			MS
Iron			11.580	J	12.900	J	18.570	J			MS
Lead			0.172	J	0.109	J	0.190	J			MS
Magnesium			18.450	J	10.300	J	19.660	J			MS
Manganese			0.363	J	0.181	J	0.354	J			MS
Nickel			0.184	J	0.153	J	0.170	J			MS
Potassium			500.000	U	500.000	U	-17.910	J			MS
Selenium			5.000	U	5.000	U	5.000	U			MS
Silver			0.212	J	0.131	J	0.220	J			MS
Sodium			500.000	U	-9.461	J	-7.971	J			MS
Thallium			0.228	J	0.139	J	0.229	J			MS
Vanadium			-0.251	J	5.000	U	0.142	J			MS
Zinc			2.000	U	2.000	U	0.335	J			MS

Metals

**3-IN
BLANKS**

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Preparation Blank Matrix (soil/water/wipe/filter): _____

Preparation Blank Concentration Units (ug/L, ug, or mg/kg): _____

Analyte	Initial Calibration Blank(ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Aluminum			2.061	J	20.000	U	20.000	U			MS
Antimony			0.348	J	0.352	J	0.286	J			MS
Arsenic			1.000	U	0.292	J	-0.216	J			MS
Barium			0.658	J	0.362	J	10.000	U			MS
Beryllium			0.088	J	1.000	U	1.000	U			MS
Cadmium			1.000	U	1.000	U	1.000	U			MS
Calcium			33.690	J	19.210	J	15.520	J			MS
Chromium			0.211	J	0.144	J	0.106	J			MS
Cobalt			0.127	J	0.061	J	1.000	U			MS
Copper			0.297	J	0.174	J	0.124	J			MS
Iron			10.110	J	11.430	J	10.970	J			MS
Lead			0.128	J	0.071	J	1.000	U			MS
Magnesium			15.730	J	7.505	J	500.000	U			MS
Manganese			0.213	J	1.000	U	1.000	U			MS
Nickel			0.200	J	1.000	U	1.000	U			MS
Potassium			-32.210	J	-14.640	J	-36.100	J			MS
Selenium			5.000	U	5.000	U	-0.775	J			MS
Silver			0.159	J	0.093	J	1.000	U			MS
Sodium			-10.530	J	8.480	J	-16.620	J			MS
Thallium			0.160	J	0.103	J	1.000	U			MS
Vanadium			-0.338	J	-0.258	J	-0.168	J			MS
Zinc			2.000	U	2.000	U	2.000	U			MS

Metals

**3-IN
BLANKS**

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Preparation Blank Matrix (soil/water/wipe/filter): _____

Preparation Blank Concentration Units (ug/L, ug, or mg/kg): _____

Analyte	Initial Calibration Blank(ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Aluminum			20.000	U	3.538	J	20.000	U			MS
Antimony			0.273	J	0.460	J	0.314	J			MS
Arsenic			1.000	U	1.000	U	1.000	U			MS
Barium			10.000	U	0.947	J	10.000	U			MS
Beryllium			1.000	U	0.151	J	1.000	U			MS
Cadmium			1.000	U	0.207	J	1.000	U			MS
Calcium			13.580	J	26.340	J	11.730	J			MS
Chromium			0.124	J	0.183	J	0.115	J			MS
Cobalt			1.000	U	0.180	J	1.000	U			MS
Copper			2.000	U	0.396	J	2.000	U			MS
Iron			10.310	J	22.730	J	18.740	J			MS
Lead			1.000	U	0.203	J	1.000	U			MS
Magnesium			500.000	U	19.050	J	500.000	U			MS
Manganese			1.000	U	0.321	J	1.000	U			MS
Nickel			1.000	U	0.207	J	1.000	U			MS
Potassium			-25.670	J	-41.730	J	-35.580	J			MS
Selenium			5.000	U	5.000	U	5.000	U			MS
Silver			1.000	U	0.231	J	1.000	U			MS
Sodium			500.000	U	-8.628	J	-32.490	J			MS
Thallium			1.000	U	0.288	J	0.139	J			MS
Vanadium			-0.232	J	5.000	U	5.000	U			MS
Zinc			2.000	U	0.305	J	2.000	U			MS

Metals

**3-IN
BLANKS**

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Preparation Blank Matrix (soil/water/wipe/filter): _____

Preparation Blank Concentration Units (ug/L, ug, or mg/kg): _____

Analyte	Initial Calibration Blank(ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		M
		C	1	C	2	C	3	C		C	
Aluminum			3.508	J							MS
Antimony			0.474	J							MS
Arsenic			0.312	J							MS
Barium			1.039	J							MS
Beryllium			0.207	J							MS
Cadmium			0.317	J							MS
Calcium			26.730	J							MS
Chromium			0.260	J							MS
Cobalt			0.193	J							MS
Copper			0.441	J							MS
Iron			22.880	J							MS
Lead			0.216	J							MS
Magnesium			21.040	J							MS
Manganese			0.330	J							MS
Nickel			0.289	J							MS
Potassium			-30.250	J							MS
Selenium			5.000	U							MS
Silver			0.239	J							MS
Sodium			-14.030	J							MS
Thallium			0.340	J							MS
Vanadium			0.180	J							MS
Zinc			0.348	J							MS

Metals
4B-IN
ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 ICP-MS Instrument ID: P6 ICS Source: MS8055
 Concentration Units: ug/L

Analyte	True		Found			
	Sol.A	Sol.AB	Sol.A	%R	Sol. AB	%R
Antimony	1.5	22.0	1.1	73	21.5	98
Arsenic	0.1	19.0	0.089	89	19.7	104
Barium	1.2	22.0	1.4	117	21.7	99
Beryllium	0.0	19.0	0.30	0	20.3	107
Cadmium	0.7	20.0	0.78	111	21.3	106
Chromium	21.0	40.0	19.4	92	39.2	98
Cobalt	1.0	20.0	1.0	100	20.5	102
Copper	8.0	25.0	7.7	96	27.0	108
Lead	4.0	25.0	4.5	112	25.0	100
Manganese	7.0	27.0	8.0	114	29.8	110
Nickel	6.0	24.0	5.6	93	25.1	105
Selenium	0.3	19.0	-0.64	-213	19.7	104
Silver	0.0	18.0	0.013	0	19.6	109
Thallium	0.0	21.0	0.029	0	20.7	99
Vanadium	0.5	19.0	-0.77	-154	18.9	99
Zinc	11.0	29.0	12.8	116	32.6	112

Metals
4B-IN
ICP-MS INTERFERENCE CHECK SAMPLE

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 ICP-MS Instrument ID: P6 ICS Source: MS8055
 Concentration Units: ug/L

Analyte	True		Found			
	Sol.A	Sol.AB	Sol.A	%R	Sol. AB	%R
Aluminum	100000.0	100000.0	103000	103	101000	101
Calcium	100000.0	100000.0	102000	102	100000	100
Iron	100000.0	100000.0	102000	102	101000	101
Magnesium	100000.0	100000.0	107000	107	105000	105
Potassium	100000.0	100000.0	105000	105	103000	103
Sodium	100000.0	100000.0	106000	106	104000	104

Metals

5A-IN

MATRIX SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MF3T40S

Lab Name: Chemtech Consulting Group

Contract: EPW09038

Lab Code: CHEM Case No.: 41214

Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER

% Solids for Sample: _____

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75 - 125	99.0900		2.0000	U	100.00	99		MS
Arsenic	75 - 125	46.0100		7.4640		40.00	96		MS
Barium	75 - 125	1944.0000		30.5100		2000.00	96		MS
Beryllium	75 - 125	37.9700		1.0000	U	50.00	76		MS
Cadmium	75 - 125	49.2200		1.0000	U	50.00	98		MS
Chromium	75 - 125	165.6000		0.9430	J	200.00	82		MS
Cobalt	75 - 125	427.1000		0.1880	J	500.00	85		MS
Copper	75 - 125	213.3000		4.0100		250.00	84		MS
Lead	75 - 125	20.1000		0.9960	J	20.00	96		MS
Manganese	75 - 125	435.7000		0.4670	J	500.00	87		MS
Nickel	75 - 125	414.6000		3.0270		500.00	82		MS
Selenium	75 - 125	32.1800		23.6500		10.00	85		MS
Silver	75 - 125	45.9900		0.1090	J	50.00	92		MS
Thallium	75 - 125	47.5200		0.0950	J	50.00	95		MS
Vanadium	75 - 125	449.7000		28.4900		500.00	84		MS
Zinc	75 - 125	435.8000		4.6380		500.00	86		MS

Comments:

5B-IN
POST-DIGESTION SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

Lab Name: _____ Contract: _____

Lab Code: _____ Case No.: _____ Mod. Ref. No.: _____ SDG No.: _____

Matrix: _____

Concentration Units: (ug/L or mg/Kg dry weight):

Analyte	Control Limit %R	Spiked Sample Result (SSR)	Sample Result (SR)	Spike Added (SA)	%R	Q	M
		C	C				

Comments:

Metals

6-IN

DUPLICATES

EPA SAMPLE NO.

MF3T40D

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 Matrix: WATER
 % Solids for Sample: _____

Concentration Units:(ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		2.1900	J	20.0000	U	0		MS
Antimony		2.0000	U	2.0000	U			MS
Arsenic		7.4640		7.8470		5		MS
Barium	10.0000	30.5100		30.7000		1		MS
Beryllium		1.0000	U	1.0000	U			MS
Cadmium		1.0000	U	1.0000	U			MS
Calcium		313000.0000		313250.0000		0		MS
Chromium		0.9430	J	0.9630	J	2		MS
Cobalt		0.1880	J	0.1530	J	21		MS
Copper	2.0000	4.0100		3.9460		2		MS
Iron	200.0000	674.1000		655.4000		3		MS
Lead		0.9960	J	0.6480	J	42		MS
Magnesium		63480.0000		65420.0000		3		MS
Manganese		0.4670	J	0.3450	J	30		MS
Nickel	1.0000	3.0270		2.9320		3		MS
Potassium		8054.0000		8207.0000		2		MS
Selenium	5.0000	23.6500		23.6900		0		MS
Silver		0.1090	J	1.0000	U	0		MS
Sodium		269250.0000		263750.0000		2		MS
Thallium		0.0950	J	1.0000	U	0		MS
Vanadium		28.4900		28.1500		1		MS
Zinc	2.0000	4.6380		3.7530		21		MS

Metals

**7 - IN
LABORATORY CONTROL SAMPLE**

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Analyte	Aqueous/Water (ug/L), Soil Sediment (mg/Kg), Wipe/Filter (ug)		
	True	Found	%R
Aluminum	40.00	41.65	104
Antimony	4.00	3.85	96
Arsenic	2.00	2.17	108
Barium	20.00	18.99	95
Beryllium	2.00	1.89	94
Cadmium	2.00	2.08	104
Calcium	1000.00	986.30	99
Chromium	4.00	3.90	98
Cobalt	2.00	1.92	96
Copper	4.00	3.91	98
Iron	400.00	399.60	100
Lead	2.00	1.91	96
Magnesium	1000.00	1048.00	105
Manganese	2.00	1.96	98
Nickel	2.00	1.93	96
Potassium	1000.00	1005.00	100
Selenium	10.00	9.37	94
Silver	2.00	1.98	99
Sodium	1000.00	1013.00	101
Thallium	2.00	1.90	95
Vanadium	10.00	9.78	98
Zinc	4.00	4.56	114

Metals

8-IN

ICP-AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

MF3T40L

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Matrix: WATER

Concentration Units (ug/L or mg/kg dry weight): ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Difference	Q	M
		C		C			
Aluminum	2.19	J	13.43	J	513		MS
Antimony	2.00	U	10.00	U			MS
Arsenic	7.46		6.94		7		MS
Barium	30.51		33.18	J	9		MS
Beryllium	1.00	U	5.00	U			MS
Cadmium	1.00	U	5.00	U			MS
Calcium	276000.00		303750.00		10		MS
Chromium	0.94	J	1.94	J	106		MS
Cobalt	0.19	J	0.78	J	311		MS
Copper	4.01		4.71	J	17		MS
Iron	674.10		712.00	J	6		MS
Lead	1.00	J	0.67	J	33		MS
Magnesium	63480.00		74000.00		17	E	MS
Manganese	0.47	J	1.29	J	174		MS
Nickel	3.03		4.04	J	33		MS
Potassium	8054.00		9080.00		13	E	MS
Selenium	23.65		20.28	J	14		MS
Silver	0.11	J	5.00	U	100		MS
Sodium	225200.00		260800.00		16	E	MS
Thallium	0.10	J	0.56	J	460		MS
Vanadium	28.49		28.72		1		MS
Zinc	4.64		25.65		453		MS

Metals
9-IN
METHOD DETECTION LIMITS (MDL) (ANNUALLY)

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Instrument Type: MS Instrument ID: P6 Date: 01/11/2011

Preparation Method: 200.8

Concentration Units (ug/L, mg/kg, or ug): UG/L

Analyte	Wavelength/Mass	MDL
Aluminum	27.00	1.20
Antimony	121.00	0.17
Arsenic	75.00	0.14
Barium	137.00	0.29
Beryllium	9.00	0.06
Cadmium	111.00	0.11
Calcium	44.00	6.30
Chromium	52.00	0.08
Cobalt	59.00	0.05
Copper	63.00	0.10
Iron	57.00	6.60
Lead	208.00	0.05
Magnesium	24.00	5.50
Manganese	55.00	0.15
Nickel	60.00	0.15
Potassium	39.00	8.00
Selenium	82.00	0.63
Silver	107.00	0.07
Sodium	23.00	5.70
Thallium	205.00	0.07
Vanadium	51.00	0.11
Zinc	66.00	0.24

Comments: _____

Metals
11-IN
INTERNAL STANDARD ASSOCIATION

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

ICP-MS Instrument ID: P6

Date: 04/29/11

Analyte	Assoc. Internal Standard 1	Assoc. Internal Standard 2
Aluminum	6Li	45Sc
Antimony	103Rh	159Tb
Arsenic	45Sc	103Rh
Barium	103Rh	159Tb
Beryllium	6Li	45Sc
Cadmium	103Rh	159Tb
Calcium	6Li	45Sc
Chromium	45Sc	103Rh
Cobalt	45Sc	103Rh
Copper	45Sc	103Rh
Iron	45Sc	103Rh
Lead	165Ho	209Bi
Magnesium	6Li	45Sc
Manganese	45Sc	103Rh
Nickel	45Sc	103Rh
Potassium	6Li	45Sc
Selenium	45Sc	103Rh
Silver	103Rh	159Tb
Sodium	6Li	45Sc
Thallium	165Ho	209Bi
Vanadium	45Sc	103Rh
Zinc	45Sc	103Rh

Metals
12-IN
PREPARATION LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 Preparation Method: 200.8

EPA Sample No.	Preparation Date	Initial Weight/Volume (g) or (mL)	Final Volume (mL)
PBW	04/15/2011	50.00	50
LCS	04/15/2011	50.00	50
MF3T40	04/15/2011	50.00	50
MF3T40D	04/15/2011	50.00	50
MF3T40S	04/15/2011	50.00	50
MF3T41	04/15/2011	50.00	50
MF3T42	04/15/2011	50.00	50
MF3T52	04/15/2011	50.00	50
MF3T43	04/15/2011	50.00	50
MF3T44	04/15/2011	50.00	50
MF3T45	04/15/2011	50.00	50
MF3T46	04/15/2011	50.00	50
MF3T47	04/15/2011	50.00	50
MF3T49	04/15/2011	50.00	50
MF3T50	04/15/2011	50.00	50
MF3T51	04/15/2011	50.00	50
MF3T48	04/15/2011	50.00	50
MF3T53	04/15/2011	50.00	50
MF3T64	04/15/2011	50.00	50
MF3T70	04/15/2011	50.00	50
MF3TB9	04/15/2011	50.00	50
MF3TC0	04/15/2011	50.00	50
MF3TC1	04/15/2011	50.00	50
MF3TD3	04/15/2011	50.00	50

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Instrument ID: P6 Analysis Method: MS

Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample NO.	D/F	Time	Analytes																											
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N				
TUNE	1.0	1138					X				X			X	X															
S0	1.0	1359	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
S	1.0	1407	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
S	1.0	1415	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
S	1.0	1422	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
S	1.0	1430	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
S	1.0	1438	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICV	1.0	1446	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB	1.0	1454	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA	1.0	1526		X	X	X	X	X		X	X	X		X		X		X		X	X		X	X						
ICSAB	1.0	1534		X	X	X	X	X		X	X	X		X		X		X		X	X		X	X						
ICSA	10	1541	X						X				X		X				X			X								
ICSAB	10	1549	X						X				X		X				X			X								
CCV	1.0	1557	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB	1.0	1605	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
PBW	1.0	1613	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	1621																												
ZZZZZZ	1.0	1629																												
ZZZZZZ	1.0	1637																												
LCS	1.0	1653	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	1700																												
ZZZZZZ	1.0	1708																												
ZZZZZZ	1.0	1716																												
ZZZZZZ	1.0	1724																												
ZZZZZZ	1.0	1732																												
CCV	1.0	1740	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB	1.0	1748	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MF3T40	1.0	1756	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MF3T40D	1.0	1804	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MF3T40S	1.0	1812		X	X	X	X	X		X	X	X		X		X		X		X	X		X	X		X	X	X	X	
MF3T40L	5.0	1820	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MF3T41	1.0	1827	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MF3T42	1.0	1835	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MF3T40	25	1843							X																		X			
MF3T40D	25	1851							X																		X			
MF3T40S	25	1859																												
MF3T40L	125	1907																												

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Instrument ID: P6 Analysis Method: MS

Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample NO.	D/F	Time	Analytes																											
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N				
CCV	1.0	1915	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB	1.0	1923	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MF3T41	25	1931							X													X								
MF3T42	25	1939							X													X								
MF3T52	1.0	1947	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T43	1.0	1954	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T44	1.0	2002	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T45	1.0	2010	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T52	25	2018							X													X								
MF3T43	25	2026							X													X								
MF3T44	25	2034							X													X								
MF3T45	25	2042							X													X								
CCV	1.0	2050	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
CCB	1.0	2058	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MF3T46	1.0	2106	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T47	1.0	2114	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T49	1.0	2122	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T50	1.0	2130	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T51	1.0	2137	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T46	25	2145							X													X								
MF3T47	25	2153							X													X								
MF3T49	25	2201							X													X								
MF3T50	25	2209							X													X								
MF3T51	25	2217							X													X								
CCV	1.0	2225	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
CCB	1.0	2233	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MF3T48	1.0	2241	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T53	1.0	2249	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T64	1.0	2257	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T70	1.0	2305	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3TB9	1.0	2313	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X					
MF3T48	25	2321							X													X								
MF3T53	25	2329							X													X								
MF3T64	25	2336							X													X								
MF3T70	25	2344							X													X								
MF3TB9	25	2352							X													X								
CCV	1.0	0000	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		

Metals

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ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 Instrument ID: P6 Analysis Method: MS
 Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample NO.	D/F	Time	Analytes																											
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N				
CCB	1.0	0008	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
MF3TC0	1.0	0016	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X					
MF3TC1	1.0	0024	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X					
MF3TD3	1.0	0032	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X	X		X	X	X					
MF3TC0	25	0040							X													X								
MF3TC1	25	0048							X													X								
MF3TD3	25	0056							X													X								
ZZZZZZ	1.0	0104																												
ZZZZZZ	1.0	0112																												
ZZZZZZ	25	0120																												
ZZZZZZ	25	0128																												
CCV	1.0	0136	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
CCB	1.0	0143	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ZZZZZZ	1.0	0151																												
ZZZZZZ	1.0	0159																												
ZZZZZZ	1.0	0207																												
ZZZZZZ	5.0	0215																												
ZZZZZZ	1.0	0223																												
ZZZZZZ	25	0231																												
ZZZZZZ	25	0239																												
ZZZZZZ	24	0247																												
ZZZZZZ	125	0255																												
ZZZZZZ	25	0303																												
CCV	1.0	0311	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
CCB	1.0	0319	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
ZZZZZZ	1.0	0327																												
ZZZZZZ	1.0	0335																												
ZZZZZZ	1.0	0343																												
ZZZZZZ	1.0	0351																												
ZZZZZZ	1.0	0359																												
ZZZZZZ	25	0406																												
ZZZZZZ	25	0414																												
ZZZZZZ	25	0422																												
ZZZZZZ	25	0430																												
ZZZZZZ	25	0438																												
CCV	1.0	0446	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
CCB	1.0	0454	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		

Metals

13-IN

ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Instrument ID: P6 Analysis Method: MS

Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample NO.	D/F	Time	Analytes																											
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N				
ZZZZZZ	1.0	0502																												
ZZZZZZ	1.0	0510																												
ZZZZZZ	1.0	0518																												
ZZZZZZ	1.0	0526																												
ZZZZZZ	1.0	0534																												
ZZZZZZ	25	0542																												
ZZZZZZ	25	0550																												
ZZZZZZ	25	0558																												
ZZZZZZ	25	0606																												
ZZZZZZ	25	0614																												
CCV	1.0	0622	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB	1.0	0630	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	0638																												
ZZZZZZ	1.0	0646																												
ZZZZZZ	1.0	0653																												
ZZZZZZ	1.0	0701																												
ZZZZZZ	25	0709																												
ZZZZZZ	25	0717																												
ZZZZZZ	25	0725																												
ZZZZZZ	25	0733																												
ZZZZZZ	1.0	0741																												
ZZZZZZ	1.0	0749																												
CCV	1.0	0757	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB	1.0	0805	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	0813																												
ZZZZZZ	1.0	0821																												
ZZZZZZ	1.0	0829																												
ZZZZZZ	1.0	0837																												
ZZZZZZ	1.0	0845																												
ZZZZZZ	5.0	0853																												
ZZZZZZ	1.0	0901																												
ZZZZZZ	1.0	0909																												
ZZZZZZ	1.0	0917																												
ZZZZZZ	1.0	0925																												
CCV	1.0	0933	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB	1.0	0941	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ	1.0	0949																												

Metals

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ANALYSIS RUN LOG

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

Instrument ID: P6 Analysis Method: MS

Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample NO.	D/F	Time	Analytes																											
			A L	S B	A S	B A	B E	C D	C A	C R	C O	C U	F E	P B	M G	M N	H G	N I	K	S E	A G	N A	T L	V	Z N	C N				
ZZZZZZ	1.0	0957																												
ZZZZZZ	5.0	1005																												
ZZZZZZ	1.0	1013																												
ZZZZZZ	1.0	1021																												
ZZZZZZ	1.0	1029																												
ZZZZZZ	1.0	1037																												
ZZZZZZ	1.0	1045																												
CCV	1.0	1053	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB	1.0	1101	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

Metals
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ICP-MS Tune

Lab Name: Chemtech Consulting Group Contract: EPW09038

Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40

ICP-MS Instrument ID: P6 Date: 04/29/2011

Element - Mass	Avg. Measured Mass (amu)	Average Peak Width (amu)	%Height	%RSD
Be_9	9.01	0.71	5.0	1.363
Mg_24	23.99	0.77	5.0	0.478
Mg_25	24.99	0.77	5.0	0.651
Mg_26	25.98	0.77	5.0	0.710
Co_59	58.93	0.77	5.0	0.417
In_113	112.90	0.77	5.0	0.499
In_115	114.90	0.77	5.0	0.418
Ce_140	139.91	0.77	5.0	0.383
Pb_206	205.97	0.77	5.0	0.519
Pb_207	206.98	0.77	5.0	0.624
Pb_208	207.98	0.77	5.0	0.270

Comments: _____

Metals

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group

Contract: EPW09038

Lab Code: CHEM Case No.: 41214

Mod. Ref. No.: _____ SDG NO.: MF3T40

ICP-MS Instrument ID: P6

Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample No.	Time	Internal Standards %RI For:											
		Element 165Ho	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q		
S0	1359	100											
S	1407	100											
S	1415	100											
S	1422	100											
S	1430	96											
S	1438	90											
ICV	1446	95											
ICB	1454	99											
ICSA	1526	96											
ICSAB	1534	98											
ICSA	1541	95											
ICSAB	1549	92											
CCV	1557	94											
CCB	1605	94											
PBW	1613	97											
ZZZZZZ	1621												
ZZZZZZ	1629												
ZZZZZZ	1637												
LCS	1653	98											
ZZZZZZ	1700												
ZZZZZZ	1708												
ZZZZZZ	1716												
ZZZZZZ	1724												
ZZZZZZ	1732												
CCV	1740	97											
CCB	1748	89											
MF3T40	1756	91											
MF3T40D	1804	93											
MF3T40S	1812	94											
MF3T40L	1820	97											
MF3T41	1827	87											
MF3T42	1835	91											
MF3T40	1843	96											
MF3T40D	1851	99											
MF3T40S	1859	95											
MF3T40L	1907	93											
CCV	1915	92											
CCB	1923	92											
MF3T41	1931	91											
MF3T42	1939	94											
MF3T52	1947	89											
MF3T43	1954	93											
MF3T44	2002	88											
MF3T45	2010	85											
MF3T52	2018	93											

Metals

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG NO.: MF3T40
 ICP-MS Instrument ID: P6 Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 165Ho	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
MF3T43	2026	89									
MF3T44	2034	90									
MF3T45	2042	95									
CCV	2050	86									
CCB	2058	88									
MF3T46	2106	89									
MF3T47	2114	84									
MF3T49	2122	83									
MF3T50	2130	86									
MF3T51	2137	82									
MF3T46	2145	88									
MF3T47	2153	92									
MF3T49	2201	88									
MF3T50	2209	88									
MF3T51	2217	90									
CCV	2225	83									
CCB	2233	83									
MF3T48	2241	85									
MF3T53	2249	83									
MF3T64	2257	81									
MF3T70	2305	83									
MF3TB9	2313	85									
MF3T48	2321	88									
MF3T53	2329	88									
MF3T64	2336	88									
MF3T70	2344	89									
MF3TB9	2352	90									
CCV	0000	84									
CCB	0008	85									
MF3TC0	0016	86									
MF3TC1	0024	85									
MF3TD3	0032	84									
MF3TC0	0040	89									
MF3TC1	0048	89									
MF3TD3	0056	92									
ZZZZZZ	0104										
ZZZZZZ	0112										
ZZZZZZ	0120										
ZZZZZZ	0128										
CCV	0136	85									
CCB	0143	88									
ZZZZZZ	0151										
ZZZZZZ	0159										
ZZZZZZ	0207										
ZZZZZZ	0215										

Metals

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group

Contract: EPW09038

Lab Code: CHEM Case No.: 41214

Mod. Ref. No.: _____ SDG NO.: MF3T40

ICP-MS Instrument ID: P6

Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample No.	Time	Internal Standards %RI For:											
		Element 165Ho	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q		
ZZZZZZ	0223												
ZZZZZZ	0231												
ZZZZZZ	0239												
ZZZZZZ	0247												
ZZZZZZ	0255												
ZZZZZZ	0303												
CCV	0311	82											
CCB	0319	82											
ZZZZZZ	0327												
ZZZZZZ	0335												
ZZZZZZ	0343												
ZZZZZZ	0351												
ZZZZZZ	0359												
ZZZZZZ	0406												
ZZZZZZ	0414												
ZZZZZZ	0422												
ZZZZZZ	0430												
ZZZZZZ	0438												
CCV	0446	81											
CCB	0454	81											
ZZZZZZ	0502												
ZZZZZZ	0510												
ZZZZZZ	0518												
ZZZZZZ	0526												
ZZZZZZ	0534												
ZZZZZZ	0542												
ZZZZZZ	0550												
ZZZZZZ	0558												
ZZZZZZ	0606												
ZZZZZZ	0614												
CCV	0622	78											
CCB	0630	80											
ZZZZZZ	0638												
ZZZZZZ	0646												
ZZZZZZ	0653												
ZZZZZZ	0701												
ZZZZZZ	0709												
ZZZZZZ	0717												
ZZZZZZ	0725												
ZZZZZZ	0733												
ZZZZZZ	0741												
ZZZZZZ	0749												
CCV	0757	79											
CCB	0805	80											
ZZZZZZ	0813												

Metals

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group

Contract: EPW09038

Lab Code: CHEM Case No.: 41214

Mod. Ref. No.: _____ SDG NO.: MF3T40

ICP-MS Instrument ID: P6

Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 165Ho	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
ZZZZZZ	0821										
ZZZZZZ	0829										
ZZZZZZ	0837										
ZZZZZZ	0845										
ZZZZZZ	0853										
ZZZZZZ	0901										
ZZZZZZ	0909										
ZZZZZZ	0917										
ZZZZZZ	0925										
CCV	0933	79									
CCB	0941	80									
ZZZZZZ	0949										
ZZZZZZ	0957										
ZZZZZZ	1005										
ZZZZZZ	1013										
ZZZZZZ	1021										
ZZZZZZ	1029										
ZZZZZZ	1037										
ZZZZZZ	1045										
CCV	1053	80									
CCB	1101	81									

Metals

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group

Contract: EPW09038

Lab Code: CHEM

Case No.: 41214

Mod. Ref. No.: _____

SDG NO.: MF3T40

ICP-MS Instrument ID: P6

Start Date: 04/29/2011

End Date: 04/30/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
S0	1359	100		100		100		100		100	
S	1407	100		100		102		102		100	
S	1415	98		100		101		101		99	
S	1422	97		99		99		97		96	
S	1430	93		95		95		95		92	
S	1438	84		90		92		91		86	
ICV	1446	94		95		95		94		94	
ICB	1454	98		99		100		96		98	
ICSA	1526	91		96		92		89		87	
ICSAB	1534	93		97		92		85		88	
ICSA	1541	93		95		91		86		90	
ICSAB	1549	89		92		90		88		88	
CCV	1557	91		94		92		88		89	
CCB	1605	94		95		93		91		92	
PBW	1613	97		96		94		89		94	
ZZZZZZ	1621										
ZZZZZZ	1629										
ZZZZZZ	1637										
LCS	1653	98		98		94		90		95	
ZZZZZZ	1700										
ZZZZZZ	1708										
ZZZZZZ	1716										
ZZZZZZ	1724										
ZZZZZZ	1732										
CCV	1740	94		97		91		86		89	
CCB	1748	88		90		90		87		88	
MF3T40	1756	84		91		102		106		84	
MF3T40D	1804	87		93		103		106		85	
MF3T40S	1812	88		93		101		105		84	
MF3T40L	1820	93		97		97		96		93	
MF3T41	1827	79		87		99		105		80	
MF3T42	1835	84		91		100		100		83	
MF3T40	1843	95		96		98		98		95	
MF3T40D	1851	99		100		99		99		97	
MF3T40S	1859	93		95		98		99		95	
MF3T40L	1907	92		94		98		100		95	
CCV	1915	89		91		91		92		87	
CCB	1923	93		92		93		94		92	
MF3T41	1931	88		91		94		97		91	
MF3T42	1939	93		95		98		100		94	
MF3T52	1947	84		89		97		90		80	
MF3T43	1954	87		91		99		96		83	
MF3T44	2002	81		88		97		92		79	
MF3T45	2010	79		85		96		93		78	
MF3T52	2018	92		93		93		95		92	

Metals

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ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG NO.: MF3T40
 ICP-MS Instrument ID: P6 Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
MF3T43	2026	87		89		93		94		89	
MF3T44	2034	88		90		93		95		90	
MF3T45	2042	93		95		95		97		93	
CCV	2050	82		86		86		87		82	
CCB	2058	87		87		88		90		86	
MF3T46	2106	83		88		96		92		79	
MF3T47	2114	77		84		94		94		75	
MF3T49	2122	79		83		83		84		76	
MF3T50	2130	81		86		93		85		76	
MF3T51	2137	77		82		92		82		73	
MF3T46	2145	86		88		89		91		87	
MF3T47	2153	91		92		94		93		90	
MF3T49	2201	87		88		90		91		87	
MF3T50	2209	87		88		91		93		88	
MF3T51	2217	89		91		90		91		88	
CCV	2225	81		83		82		83		78	
CCB	2233	83		83		84		87		82	
MF3T48	2241	79		84		91		88		75	
MF3T53	2249	77		83		91		82		74	
MF3T64	2257	76		82		90		89		73	
MF3T70	2305	78		82		88		80		73	
MF3TB9	2313	80		84		93		105		76	
MF3T48	2321	88		88		88		89		86	
MF3T53	2329	87		87		88		88		86	
MF3T64	2336	88		88		89		91		86	
MF3T70	2344	90		89		89		89		86	
MF3TB9	2352	90		91		93		95		89	
CCV	0000	82		84		83		84		79	
CCB	0008	86		85		86		89		83	
MF3TC0	0016	81		85		92		117		76	
MF3TC1	0024	82		85		91		92		76	
MF3TD3	0032	81		84		81		85		75	
MF3TC0	0040	88		89		88		91		85	
MF3TC1	0048	90		90		91		93		88	
MF3TD3	0056	92		92		92		92		89	
ZZZZZZ	0104										
ZZZZZZ	0112										
ZZZZZZ	0120										
ZZZZZZ	0128										
CCV	0136	84		84		83		86		79	
CCB	0143	91		89		86		88		85	
ZZZZZZ	0151										
ZZZZZZ	0159										
ZZZZZZ	0207										
ZZZZZZ	0215										

Metals

15-IN

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group

Contract: EPW09038

Lab Code: CHEM Case No.: 41214

Mod. Ref. No.: _____ SDG NO.: MF3T40

ICP-MS Instrument ID: P6

Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample No.	Time	Internal Standards %RI For:											
		Element 209Bi	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q		
ZZZZZZ	0223												
ZZZZZZ	0231												
ZZZZZZ	0239												
ZZZZZZ	0247												
ZZZZZZ	0255												
ZZZZZZ	0303												
CCV	0311	81		81		76		76		74			
CCB	0319	85		82		79		80		78			
ZZZZZZ	0327												
ZZZZZZ	0335												
ZZZZZZ	0343												
ZZZZZZ	0351												
ZZZZZZ	0359												
ZZZZZZ	0406												
ZZZZZZ	0414												
ZZZZZZ	0422												
ZZZZZZ	0430												
ZZZZZZ	0438												
CCV	0446	81		80		77		79		74			
CCB	0454	85		81		79		81		78			
ZZZZZZ	0502												
ZZZZZZ	0510												
ZZZZZZ	0518												
ZZZZZZ	0526												
ZZZZZZ	0534												
ZZZZZZ	0542												
ZZZZZZ	0550												
ZZZZZZ	0558												
ZZZZZZ	0606												
ZZZZZZ	0614												
CCV	0622	79		78		74		74		71			
CCB	0630	82		79		76		79		75			
ZZZZZZ	0638												
ZZZZZZ	0646												
ZZZZZZ	0653												
ZZZZZZ	0701												
ZZZZZZ	0709												
ZZZZZZ	0717												
ZZZZZZ	0725												
ZZZZZZ	0733												
ZZZZZZ	0741												
ZZZZZZ	0749												
CCV	0757	79		78		75		79		72			
CCB	0805	82		79		78		83		76			
ZZZZZZ	0813												

Metals

15-IN

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Lab Name: Chemtech Consulting Group

Contract: EPW09038

Lab Code: CHEM Case No.: 41214

Mod. Ref. No.: _____ SDG NO.: MF3T40

ICP-MS Instrument ID: P6

Start Date: 04/29/2011 End Date: 04/30/2011

EPA Sample No.	Time	Internal Standards %RI For:									
		Element 209Bi	Q	Element 159Tb	Q	Element 45Sc	Q	Element 6Li	Q	Element 103Rh	Q
ZZZZZZ	0821										
ZZZZZZ	0829										
ZZZZZZ	0837										
ZZZZZZ	0845										
ZZZZZZ	0853										
ZZZZZZ	0901										
ZZZZZZ	0909										
ZZZZZZ	0917										
ZZZZZZ	0925										
CCV	0933	79		78		75		82		72	
CCB	0941	82		79		78		84		76	
ZZZZZZ	0949										
ZZZZZZ	0957										
ZZZZZZ	1005										
ZZZZZZ	1013										
ZZZZZZ	1021										
ZZZZZZ	1029										
ZZZZZZ	1037										
ZZZZZZ	1045										
CCV	1053	80		80		76		83		72	
CCB	1101	84		80		79		86		76	

Metals
16-IN
INITIAL CALIBRATION

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 Instrument ID: P6 Start Date: 04/29/11
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	0.00	0.00000	0	20.0	23	-13	2500	2635	-5
Antimony	0.00	0.00000	0	2.00	1.9	6	125	121	3
Arsenic	0.00	0.00000	0	1.00	1.2	-19	125	123	2
Barium	0.00	0.00000	0	10.0	9.9	1	625	621	1
Beryllium	0.00	0.00000	0	1.00	1.0	-4	125	123	1
Cadmium	0.00	0.00000	0	1.00	1.0	-3	125	125	0
Calcium	0.00	0.00000	0	500	507	-1	12500	12430	1
Chromium	0.00	0.00000	0	2.00	2.2	-8	125	125	0
Cobalt	0.00	0.00000	0	1.00	1.0	0	125	125	0
Copper	0.00	0.00000	0	2.00	2.2	-11	250	256	-2
Iron	0.00	0.00000	0	200	202	-1	6250	6342	-1
Lead	0.00	0.00000	0	1.00	1.00	0	125	124	1
Magnesium	0.00	0.00000	0	500	524	-5	12500	12710	-2
Manganese	0.00	0.00000	0	1.00	1.1	-14	250	252	-1
Nickel	0.00	0.00000	0	1.00	1.1	-13	125	126	-1
Potassium	0.00	0.00000	0	500	497	1	6250	6291	-1
Selenium	0.00	0.00000	0	5.00	5.0	-1	125	125	0
Silver	0.00	0.00000	0	1.00	1.0	-3	125	125	0
Sodium	0.00	0.00000	0	500	496	1	12500	12540	0
Thallium	0.00	0.00000	0	1.00	1.0	-1	125	124	1
Vanadium	0.00	0.00000	0	5.00	4.9	3	125	125	0
Zinc	0.00	0.00000	0	2.00	2.6	-28	250	252	-1

Control Limits \pm 30

Metals
16-IN
INITIAL CALIBRATION

Lab Name: Chemtech Consulting Group Contract: EPW09038
 Lab Code: CHEM Case No.: 41214 Mod. Ref. No.: _____ SDG No.: MF3T40
 Instrument ID: P6 Start Date: 04/29/11
 Concentration Units: ug/L

Analyte	True	Found	%D	True	Found	%D	True	Found	%D
Aluminum	5000	5057	-1	10000	9993	0	20000	19970	0
Antimony	250	250	0	500	498	0	1000	1002	0
Arsenic	250	249	0	500	492	2	1000	1005	-1
Barium	1250	1254	0	2500	2487	1	5000	5006	0
Beryllium	250	249	0	500	491	2	1000	1005	-1
Cadmium	250	252	-1	500	500	0	1000	1000	0
Calcium	25000	24860	1	50000	49160	2	100000	100500	-1
Chromium	250	251	0	500	496	1	1000	1002	0
Cobalt	250	250	0	500	499	0	1000	1001	0
Copper	500	506	-1	1000	999	0	2000	1998	0
Iron	12500	12650	-1	25000	25190	-1	50000	49860	0
Lead	250	251	0	500	496	1	1000	1002	0
Magnesium	25000	25480	-2	50000	50170	0	100000	99770	0
Manganese	500	509	-2	1000	1003	0	2000	1996	0
Nickel	250	251	-1	500	500	0	1000	1000	0
Potassium	12500	12770	-2	25000	25070	0	50000	49890	0
Selenium	250	250	0	500	494	1	1000	1003	0
Silver	250	255	-2	500	499	0	1000	999	0
Sodium	25000	25360	-1	50000	50030	0	100000	99890	0
Thallium	250	249	0	500	497	1	1000	1002	0
Vanadium	250	251	0	500	494	1	1000	1003	0
Zinc	500	506	-1	1000	1000	0	2000	1998	0

Control Limits \pm 30

Performance Report

(TUNE)

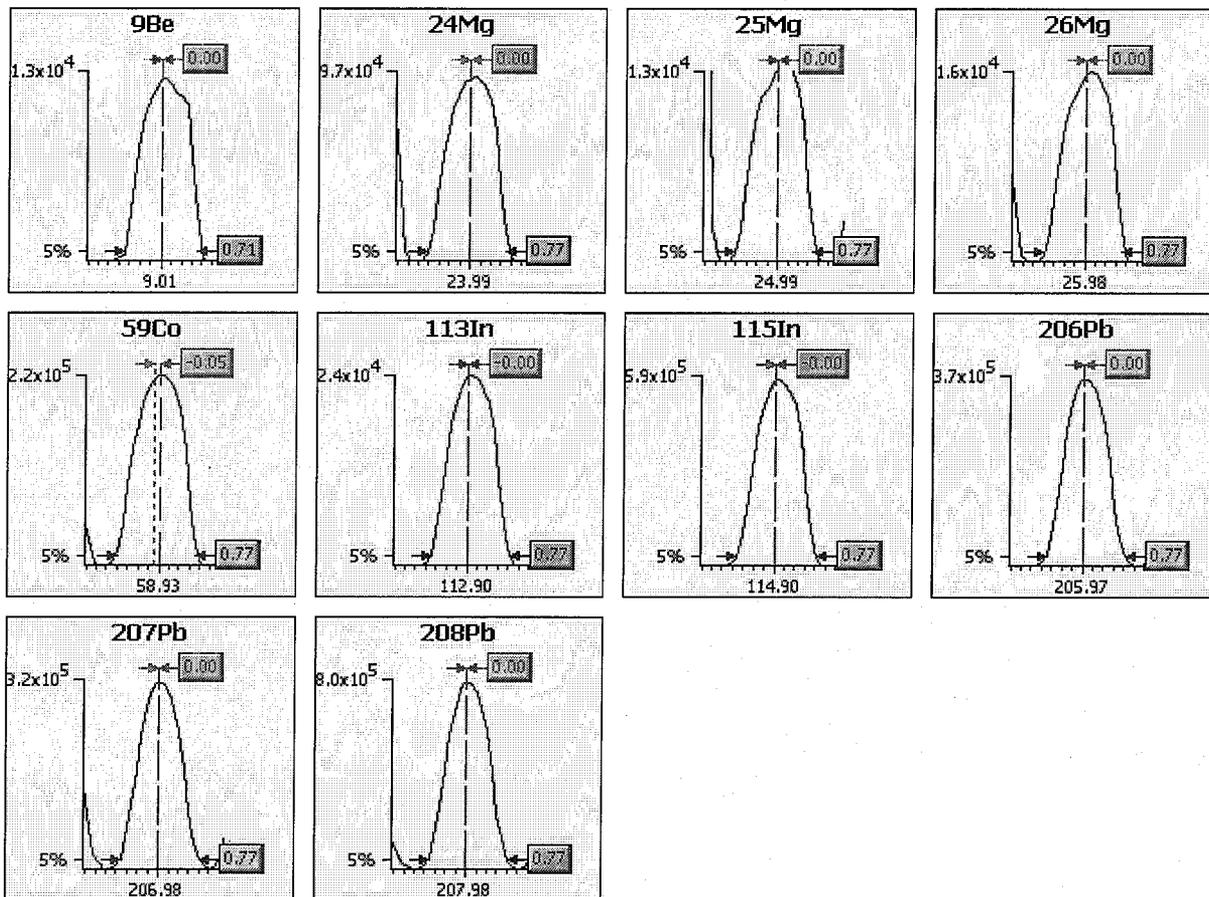
Sample details

Sample name : TUNE
 Acquired at : 04/29/2011 11:38:44 AM
 Report name : ISM01.2 [03/09/2010 11:16:01 AM]

Mass Calibration verification

Acquisition parameters

Sweeps : 20
 Dwell : 3.0 mSecs
 Point spacing : 0.05 amu
 Peak width measured at 5% of the peak maximum



Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.85	0.65	0.10	0.71	0.00
24Mg	0.85	0.65	0.10	0.77	0.00
25Mg	0.85	0.65	0.10	0.77	0.00
26Mg	0.85	0.65	0.10	0.77	0.00
59Co	0.85	0.65	0.10	0.77	-0.05
113In	0.85	0.65	0.10	0.77	-0.00
115In	0.85	0.65	0.10	0.77	-0.00
206Pb	0.85	0.65	0.10	0.77	0.00
207Pb	0.85	0.65	0.10	0.77	0.00
208Pb	0.85	0.65	0.10	0.77	0.00

INSTRUMENT ID: P6

Sample details

Sample name : TUNE
 Acquired at : 04/29/2011 11:38:44 AM
 Report name : ISM01.2 [03/09/2010 11:16:01 AM]

(TUNE)

Tune conditions

Major		Minor		Global		Add. Gases
Extraction	-173	Lens 2	-34.5	Standard resolution	n/a	
Lens 1	0.3	Lens 3	-151.4	High resolution	n/a	
Focus	20.0	Forward power	1349	Analogue Detector	n/a	
D1	-38.4	Horizontal	111	PC Detector	n/a	
Pole Bias	1.0	Vertical	576			
Hexapole Bias	-3.0	D2	-160			
Nebuliser	0.82	DA	-80.0			
Sampling Depth	130	Cool	13.0			
		Auxiliary	0.90			

Sensitivity and stability results

Acquisition parameters

Sweeps : 130

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	59Co	138Ba++	113In	115In
Dwell (mSecs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Limits	%RSD	-	5.0%	5.0%	5.0%	5.0%	5.0%	-	5.0%	5.0%
	CountRate	-	>2000	>8000	>1000	>1000	>25000	-	>2500	>50000
1	11:39:06 AM	0.000	11546.203	96131.591	13155.285	15888.061	225905.23	5083.212	24588.835	580720.45
2	11:39:35 AM	0.000	11926.515	96419.677	13283.096	15856.487	227934.00	5103.219	24542.602	585297.85
3	11:40:04 AM	0.769	11843.369	96875.824	13206.871	15677.829	228077.02	5105.528	24534.126	584187.61
4	11:40:33 AM	0.000	11911.117	97009.031	13341.612	15987.402	227923.83	5232.497	24759.129	586910.49
5	11:41:02 AM	0.000	11702.484	95943.409	13356.241	15824.144	228137.20	5103.989	24791.493	582294.14
x		0.154	11785.937	96475.906	13268.621	15846.785	227595.46	5125.689	24643.237	583882.11
σ		0.34	160.60	460.82	86.42	112.51	949.30	60.40	122.89	2438.57
%RSD		223.607	1.363	0.478	0.651	0.710	0.417	1.178	0.499	0.418

Run	Time	138Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0
Limits	%RSD	-	-	-	5.0%	5.0%	5.0%	-
	CountRate	-	-	-	>20000	>20000	>40000	<1
1	11:39:06 AM	460953.27	672375.45	9443.120	372863.26	323691.47	795708.33	0.000
2	11:39:35 AM	467059.96	677526.62	9443.120	375661.30	326113.32	800037.27	0.769
3	11:40:04 AM	463937.58	677943.41	9469.291	376224.29	325757.65	797140.34	0.000
4	11:40:33 AM	464152.87	678797.97	9468.521	377879.44	329269.09	800657.54	0.000
5	11:41:02 AM	463117.76	675253.47	9595.529	377298.22	325325.66	799958.42	0.000
x		463844.29	676379.38	9483.916	375985.30	326031.44	798700.38	0.154
σ		2198.31	2593.79	63.71	1950.69	2033.33	2155.60	0.34
%RSD		0.474	0.383	0.672	0.519	0.624	0.270	223.607

Ratio results

Run	Time	156Ce O/140Ce	138Ba++/138Ba
Ratio limits		<0.0200	<0.0300
1	11:39:06 AM	0.014	0.011
2	11:39:35 AM	0.014	0.011
3	11:40:04 AM	0.014	0.011
4	11:40:33 AM	0.014	0.011
5	11:41:02 AM	0.014	0.011
x		0.0140	0.0111
σ		0.00	0.00
%RSD		0.8080	1.1845

Result : The performance report passed.

Fully Quantitative Concentrations

Id	Label	9Be	10B	23Na	24Mg	25Mg	26Mg	27Al	28Si	31P
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
3	S1 (S)	1.000	5.000	500.000	500.000	500.000	500.000	20.000	5.000	0.000
4	S2 (S)	125.000	125.000	12500.000	12500.000	12500.000	12500.000	2500.000	125.000	2500.000
5	S3 (S)	250.000	250.000	25000.000	25000.000	25000.000	25000.000	5000.000	250.000	5000.000
6	S4 (S)	500.000	500.000	50000.000	50000.000	50000.000	50000.000	10000.000	500.000	10000.000
7	S5 (S)	1000.000	1000.000	100000.000	100000.000	100000.000	100000.000	20000.000	1000.000	20000.000
Id	Label	39K	43Ca	44Ca	47Ti	51V	52Cr	55Mn	54Fe	56Fe
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
3	S1 (S)	500.000	500.000	500.000	5.000	5.000	2.000	1.000	200.000	200.000
4	S2 (S)	6250.000	12500.000	12500.000	125.000	125.000	125.000	250.000	6250.000	6250.000
5	S3 (S)	12500.000	25000.000	25000.000	250.000	250.000	250.000	500.000	12500.000	12500.000
6	S4 (S)	25000.000	50000.000	50000.000	500.000	500.000	500.000	1000.000	25000.000	25000.000
7	S5 (S)	50000.000	100000.000	100000.000	1000.000	1000.000	1000.000	2000.000	50000.000	50000.000
Id	Label	57Fe	59Co	60Ni	61Ni	62Ni	63Cu	65Cu	66Zn	67Zn
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
3	S1 (S)	200.000	1.000	1.000	1.000	1.000	2.000	2.000	2.000	2.000
4	S2 (S)	6250.000	125.000	125.000	125.000	125.000	250.000	250.000	250.000	250.000
5	S3 (S)	12500.000	250.000	250.000	250.000	250.000	500.000	500.000	500.000	500.000
6	S4 (S)	25000.000	500.000	500.000	500.000	500.000	1000.000	1000.000	1000.000	1000.000
7	S5 (S)	50000.000	1000.000	1000.000	1000.000	1000.000	2000.000	2000.000	2000.000	2000.000
Id	Label	68Zn	75As	77Se	78Se	82Se	94Mo	95Mo	96Mo	97Mo
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
3	S1 (S)	2.000	1.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000
4	S2 (S)	250.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000
5	S3 (S)	500.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000
6	S4 (S)	1000.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000
7	S5 (S)	2000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000
Id	Label	98Mo	107Ag	109Ag	106Cd	108Cd	111Cd	118Sn	121Sb	135Ba
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
3	S1 (S)	5.000	1.000	1.000	1.000	1.000	1.000	5.000	2.000	10.000
4	S2 (S)	125.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000	625.000
5	S3 (S)	250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	1250.000
6	S4 (S)	500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000	2500.000
7	S5 (S)	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	5000.000
Id	Label	137Ba	203Tl	205Tl	206Pb	207Pb	208Pb	232Th	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
3	S1 (S)	10.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	
4	S2 (S)	625.000	125.000	125.000	125.000	125.000	125.000	125.000	125.000	
5	S3 (S)	1250.000	250.000	250.000	250.000	250.000	250.000	250.000	250.000	
6	S4 (S)	2500.000	500.000	500.000	500.000	500.000	500.000	500.000	500.000	
7	S5 (S)	5000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	1000.000	

Calibration Technique

Use External Drift Correction - Yes
 Calibrate by - Element

Symbol	Interference Correction	RSF	Calibration Method	Line Fit	Weighting	Forcing	Use for Semi-Quant	Max Error	Minimum Correlation
6Li	Yes	1.00	None				No		
7Li	Yes	1.00	Semi-Quantified				No		
9Be	Yes	0.75	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
10B	Yes	0.58	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
13C	Yes	0.05	None				No		
23Na	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
24Mg	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
25Mg	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
26Mg	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
27Al	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
28Si	Yes	0.85	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
31P	Yes	0.33	Fully-Quantified	Linear	None	Through Blank	Yes		
34S	Yes	0.14	None				No		
37Cl	Yes	0.09	None				No		
39K	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
43Ca	Yes	0.99	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
44Ca	Yes	0.99	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
45Sc	Yes	1.00	None				No		
47Ti	Yes	0.99	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
51V	Yes	0.99	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000
52Cr	No	0.98	Fully-Quantified	Linear	None	Through Blank	Yes		0.995000

55Mn	Yes	0.95	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
54Fe	Yes	0.96	Fully-Quantified	Linear	None	Through Blank	Yes	
56Fe	Yes	0.96	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
57Fe	Yes	0.96	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
59Co	Yes	0.93	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
60Ni	Yes	0.91	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
61Ni	Yes	0.91	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
62Ni	Yes	0.91	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
63Cu	Yes	0.90	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
65Cu	Yes	0.90	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
66Zn	Yes	0.38	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
67Zn	Yes	0.38	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
68Zn	Yes	0.38	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
75As	Yes	0.07	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
77Se	Yes	0.10	Fully-Quantified	Linear	None	Through Blank	Yes	
78Se	Yes	0.10	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
82Se	Yes	0.10	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
83Kr	Yes	0.01	Semi-Quantified				No	
86Sr	Yes	0.96	Semi-Quantified				No	
88Sr	Yes	0.96	Semi-Quantified				No	
94Mo	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes	
95Mo	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
96Mo	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes	
97Mo	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
98Mo	Yes	0.98	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
99Ru	Yes	0.96	Semi-Quantified				No	
103Rh	Yes	0.94	None				No	
105Pd	Yes	0.93	Semi-Quantified				No	
107Ag	Yes	0.93	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
109Ag	Yes	0.93	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
106Cd	Yes	0.57	Fully-Quantified	Linear	None	Through Blank	Yes	
108Cd	Yes	0.57	Fully-Quantified	Linear	None	Through Blank	Yes	
111Cd	Yes	0.57	Fully-Quantified	Linear	None	Through Blank	Yes	
115In	Yes	0.99	None				No	
118Sn	Yes	0.96	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
121Sb	Yes	0.39	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
125Te	Yes	0.33	None				No	
135Ba	Yes	0.91	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
137Ba	Yes	0.91	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
159Tb	Yes	0.99	None				No	
165Ho	Yes	1.00	None				No	
203Tl	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
206Pb	Yes	0.97	Fully-Quantified	Linear	None	Through Blank	Yes	
207Pb	Yes	0.97	Fully-Quantified	Linear	None	Through Blank	Yes	
208Pb	Yes	0.97	Fully-Quantified	Linear	None	Through Blank	Yes	
209Bi	Yes	0.92	None				No	
232Th	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes	
238U	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes	
205Tl	Yes	1.00	Fully-Quantified	Linear	None	Through Blank	Yes	0.995000
77Ar Cl	Yes		Semi-Quantified				No	
137Ba++	Yes		Semi-Quantified				No	
53Cl O	Yes		Semi-Quantified				No	
108Mo O	Yes		Semi-Quantified				No	

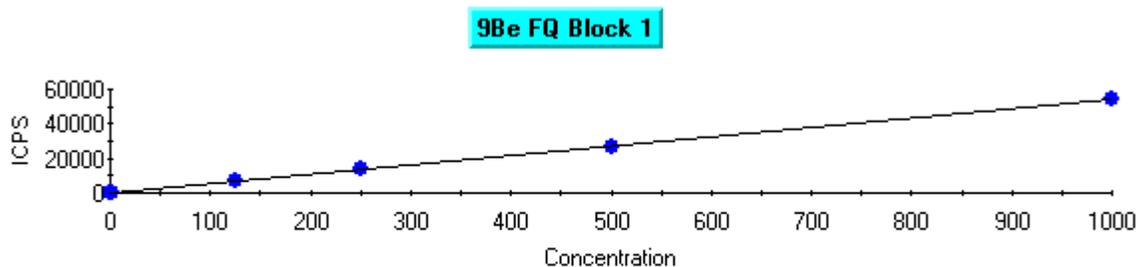
Sample List

No	Label	Type	Weight	Rack	Row	Col	Height
1	TUNE	Instrument Setup	1.000	2	1	1	144
2	S0 (S0)	Blank	1.000	1	1	1	144
3	S1 (S)	Fully Quant Standard	1.000	1	1	2	144
4	S2 (S)	Fully Quant Standard	1.000	1	1	3	144
5	S3 (S)	Fully Quant Standard	1.000	1	1	4	144
6	S4 (S)	Fully Quant Standard	1.000	1	1	5	144
7	S5 (S)	Fully Quant Standard	1.000	1	1	6	144
8	ICV	Unknown	1.000	1	1	7	144
9	ICB	Unknown	1.000	1	1	8	144
10	ICSA	Unknown	1.000	1	1	9	144
11	ICSAB	Unknown	1.000	1	1	10	144
12	ICSAX10	Unknown	1.000	1	1	11	144
13	ICSABX10	Unknown	1.000	1	1	12	144
14	CCV	Unknown	1.000	1	2	1	144
15	CCB	Unknown	1.000	1	2	2	144
16	PB54697BL PBW	Unknown	1.000	1	2	3	144
17	PB54698BL PBW	Unknown	1.000	1	2	4	144
18	ZZZZZ	Unknown	1.000	1	2	5	144
19	ZZZZZ	Unknown	1.000	1	2	6	144
20	PB54697BS LCSW	Unknown	1.000	1	2	7	144
21	PB54698BS LCSW	Unknown	1.000	1	2	8	144

22	ZZZZZ	Unknown	1.000	1	2	9	144
23	ZZZZZ	Unknown	1.000	1	2	10	144
24	ZZZZZ	Unknown	1.000	1	2	11	144
25	CRI	Unknown	1.000	1	2	12	144
26	CCV	Unknown	1.000	1	3	1	144
27	CCB	Unknown	1.000	1	3	2	144
28	C1851-01 MF3T40	Unknown	1.000	1	3	3	144
29	C1851-02 MF3T40D	Unknown	1.000	1	3	4	144
30	C1851-03 MF3T40S	Unknown	1.000	1	3	5	144
31	C1851-01LX5 MF3T40L	Unknown	1.000	1	3	6	144
32	C1851-04 MF3T41	Unknown	1.000	1	3	7	144
33	C1851-05 MF3T42	Unknown	1.000	1	3	8	144
34	C1851-01X25 MF3T40	Unknown	1.000	1	3	9	144
35	C1851-02X25 MF3T40D	Unknown	1.000	1	3	10	144
36	C1851-03X25 MF3T40S	Unknown	1.000	1	3	11	144
37	C1851-01LX125 MF3T40L	Unknown	1.000	1	3	12	144
38	CCV	Unknown	1.000	1	4	1	144
39	CCB	Unknown	1.000	1	4	2	144
40	C1851-04X25 MF3T41	Unknown	1.000	1	4	3	144
41	C1851-05X25 MF3T42	Unknown	1.000	1	4	4	144
42	C1851-06 MF3T52	Unknown	1.000	1	4	5	144
43	C1851-07 MF3T43	Unknown	1.000	1	4	6	144
44	C1851-08 MF3T44	Unknown	1.000	1	4	7	144
45	C1851-09 MF3T45	Unknown	1.000	1	4	8	144
46	C1851-06X25 MF3T52	Unknown	1.000	1	4	9	144
47	C1851-07X25 MF3T43	Unknown	1.000	1	4	10	144
48	C1851-08X25 MF3T44	Unknown	1.000	1	4	11	144
49	C1851-09X25 MF3T45	Unknown	1.000	1	4	12	144
50	CCV	Unknown	1.000	1	5	1	144
51	CCB	Unknown	1.000	1	5	2	144
52	C1851-10 MF3T46	Unknown	1.000	1	5	3	144
53	C1851-11 MF3T47	Unknown	1.000	1	5	4	144
54	C1851-12 MF3T49	Unknown	1.000	1	5	5	144
55	C1851-13 MF3T50	Unknown	1.000	1	5	6	144
56	C1851-14 MF3T51	Unknown	1.000	1	5	7	144
57	C1851-10X25 MF3T46	Unknown	1.000	1	5	8	144
58	C1851-11X25 MF3T47	Unknown	1.000	1	5	9	144
59	C1851-12X25 MF3T49	Unknown	1.000	1	5	10	144
60	C1851-13X25 MF3T50	Unknown	1.000	1	5	11	144
61	C1851-14X25 MF3T51	Unknown	1.000	1	5	12	144
62	CCV	Unknown	1.000	2	1	1	144
63	CCB	Unknown	1.000	2	1	2	144
64	C1851-15 MF3T48	Unknown	1.000	2	1	3	144
65	C1851-16 MF3T53	Unknown	1.000	2	1	4	144
66	C1851-17 MF3T64	Unknown	1.000	2	1	5	144
67	C1851-18 MF3T70	Unknown	1.000	2	1	6	144
68	C1851-19 MF3TB9	Unknown	1.000	2	1	7	144
69	C1851-15X25 MF3T48	Unknown	1.000	2	1	8	144
70	C1851-16X25 MF3T53	Unknown	1.000	2	1	9	144
71	C1851-17X25 MF3T64	Unknown	1.000	2	1	10	144
72	C1851-18X25 MF3T70	Unknown	1.000	2	1	11	144
73	C1851-19X25 MF3TB9	Unknown	1.000	2	1	12	144
74	CCV	Unknown	1.000	2	2	1	144
75	CCB	Unknown	1.000	2	2	2	144
76	C1851-20 MF3TC0	Unknown	1.000	2	2	3	144
77	C1851-21 MF3TC1	Unknown	1.000	2	2	4	144
78	C1851-22 MF3TD3	Unknown	1.000	2	2	5	144
79	C1851-20X25 MF3TC0	Unknown	1.000	2	2	6	144
80	C1851-21X25 MF3TC1	Unknown	1.000	2	2	7	144
81	C1851-22X25 MF3TD3	Unknown	1.000	2	2	8	144
82	C1852-01 MF3T54	Unknown	1.000	2	2	9	144
83	C1852-05 MF3T56	Unknown	1.000	2	2	10	144
84	C1852-01X25 MF3T54	Unknown	1.000	2	2	11	144
85	C1852-05X25 MF3T56	Unknown	1.000	2	2	12	144
86	CCV	Unknown	1.000	2	3	1	144
87	CCB	Unknown	1.000	2	3	2	144
88	C1852-02 MF3T61	Unknown	1.000	2	3	3	144
89	C1852-03 MF3T61D	Unknown	1.000	2	3	4	144
90	C1852-04 MF3T61S	Unknown	1.000	2	3	5	144
91	C1852-02LX5 MF3T61L	Unknown	1.000	2	3	6	144
92	C1852-06 MF3T66	Unknown	1.000	2	3	7	144
93	C1852-02X25 MF3T61	Unknown	1.000	2	3	8	144
94	C1852-03X25 MF3T61D	Unknown	1.000	2	3	9	144
95	C1852-04X24 MF3T61S	Unknown	1.000	2	3	10	144
96	C1852-02LX125 MF3T61L	Unknown	1.000	2	3	11	144
97	C1852-06X25 MF3T66	Unknown	1.000	2	3	12	144
98	CCV	Unknown	1.000	2	4	1	144

99	CCB	Unknown	1.000	2	4	2	144
100	C1852-07 MF3T67	Unknown	1.000	2	4	3	144
101	C1852-08 MF3T68	Unknown	1.000	2	4	4	144
102	C1852-09 MF3T81	Unknown	1.000	2	4	5	144
103	C1852-10 MF3T82	Unknown	1.000	2	4	6	144
104	C1852-11 MF3T83	Unknown	1.000	2	4	7	144
105	C1852-07X25 MF3T67	Unknown	1.000	2	4	8	144
106	C1852-08X25 MF3T68	Unknown	1.000	2	4	9	144
107	C1852-09X25 MF3T81	Unknown	1.000	2	4	10	144
108	C1852-10X25 MF3T82	Unknown	1.000	2	4	11	144
109	C1852-11X25 MF3T83	Unknown	1.000	2	4	12	144
110	CCV	Unknown	1.000	2	5	1	144
111	CCB	Unknown	1.000	2	5	2	144
112	C1852-12 MF3T86	Unknown	1.000	2	5	3	144
113	C1852-13 MF3T60	Unknown	1.000	2	5	4	144
114	C1852-14 MF3T62	Unknown	1.000	2	5	5	144
115	C1852-15 MF3T63	Unknown	1.000	2	5	6	144
116	C1852-16 MF3T65	Unknown	1.000	2	5	7	144
117	C1852-12X25 MF3T86	Unknown	1.000	2	5	8	144
118	C1852-13X25 MF3T60	Unknown	1.000	2	5	9	144
119	C1852-14X25 MF3T62	Unknown	1.000	2	5	10	144
120	C1852-15X25 MF3T63	Unknown	1.000	2	5	11	144
121	C1852-16X25 MF3T65	Unknown	1.000	2	5	12	144
122	CCV	Unknown	1.000	3	1	1	144
123	CCB	Unknown	1.000	3	1	2	144
124	C1852-17 MF3T72	Unknown	1.000	3	1	3	144
125	C1852-18 MF3T73	Unknown	1.000	3	1	4	144
126	C1852-19 MF3T85	Unknown	1.000	3	1	5	144
127	C1852-20 MF3T72D4	Unknown	1.000	3	1	6	144
128	C1852-17X25 MF3T72	Unknown	1.000	3	1	7	144
129	C1852-18X25 MF3T73	Unknown	1.000	3	1	8	144
130	C1852-19X25 MF3T85	Unknown	1.000	3	1	9	144
131	C1852-20X25 MF3TD4	Unknown	1.000	3	1	10	144
132	PB54964BL	Unknown	1.000	3	1	11	144
133	PB54964BS	Unknown	1.000	3	1	12	144
134	CCV	Unknown	1.000	3	2	1	144
135	CCB	Unknown	1.000	3	2	2	144
136	ZZZZZ	Unknown	1.000	3	2	3	144
137	PB54780BL	Unknown	1.000	3	2	4	144
138	PB54780BS	Unknown	1.000	3	2	5	144
139	C1942-03	Unknown	1.000	3	2	6	144
140	C1942-03D	Unknown	1.000	3	2	7	144
141	C1942-03LX5	Unknown	1.000	3	2	8	144
142	C1942-03S	Unknown	1.000	3	2	9	144
143	C1942-03SD	Unknown	1.000	3	2	10	144
144	C1942-03A	Unknown	1.000	3	2	11	144
145	ZZZZZ	Unknown	1.000	3	2	12	144
146	CCV	Unknown	1.000	3	3	1	144
147	CCB	Unknown	1.000	3	3	2	144
148	C1863-02	Unknown	1.000	3	3	3	144
149	C1863-02D	Unknown	1.000	3	3	4	144
150	C1863-02LX5	Unknown	1.000	3	3	5	144
151	C1863-02S	Unknown	1.000	3	3	6	144
152	C1863-02SD	Unknown	1.000	3	3	7	144
153	C1863-02A	Unknown	1.000	3	3	8	144
154	ZZZZZ	Unknown	1.000	3	3	9	144
155	ZZZZZ	Unknown	1.000	3	3	10	144
156	CCV	Unknown	1.000	3	3	11	144
157	CCB	Unknown	1.000	3	3	12	144

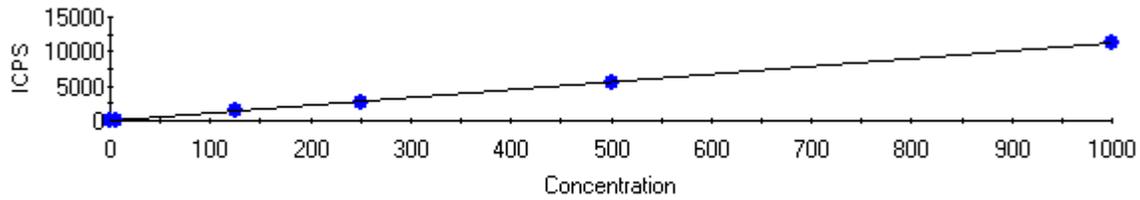
Fully Quant Calibration



Intercept CPS=4.523586 Intercept Conc=0.083746
 Sensitivity=54.015474 Correlation Coeff=0.999938

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	4.52	0.00
S1 (S)	1.000	1.040	0.040	60.73	4.05
S2 (S)	125.000	123.244	1.756	6661.61	1.40
S3 (S)	250.000	249.441	0.559	13478.21	0.22
S4 (S)	500.000	491.191	8.809	26536.42	1.76
S5 (S)	1000.000	1004.764	4.764	54277.32	0.48

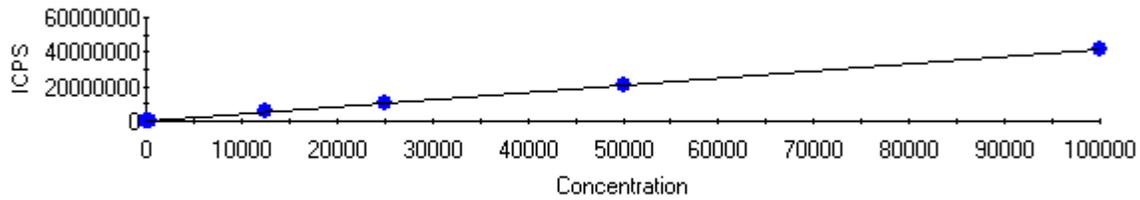
10B FQ Block 1



Intercept CPS=34.352569 Intercept Conc=3.089758
Sensitivity=11.118208 Correlation Coef=0.999846

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	34.35	0.00
S1 (S)	5.000	5.063	0.063	90.65	1.27
S2 (S)	125.000	120.608	4.392	1375.29	3.51
S3 (S)	250.000	243.222	6.778	2738.55	2.71
S4 (S)	500.000	487.305	12.695	5452.31	2.54
S5 (S)	1000.000	1008.591	8.591	11248.07	0.86

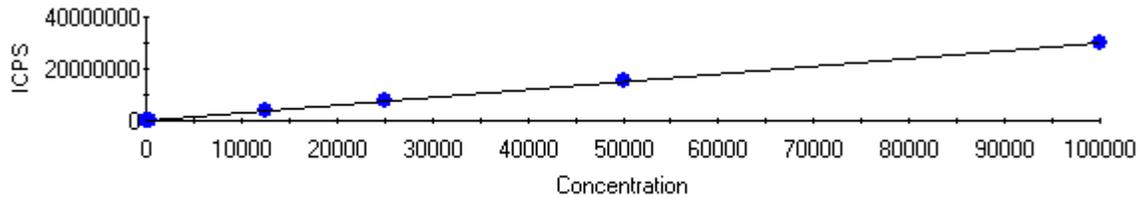
23Na FQ Block 1



Intercept CPS=137862.996264 Intercept Conc=331.435214
Sensitivity=415.957600 Correlation Coef=0.999992

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	137863.00	0.00
S1 (S)	500.000	495.928	4.072	344148.11	0.81
S2 (S)	12500.000	12536.763	36.763	5352625.05	0.29
S3 (S)	25000.000	25355.817	355.817	10684807.73	1.42
S4 (S)	50000.000	50032.168	32.168	20949123.38	0.06
S5 (S)	100000.000	99890.387	109.613	41688028.57	0.11

24Mg FQ Block 1

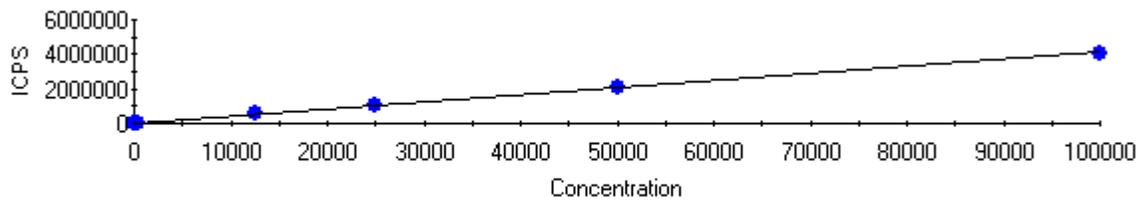


Intercept CPS=1335.985066 Intercept Conc=4.439057
Sensitivity=300.961486 Correlation Coef=0.999984

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	1335.99	0.00
S1 (S)	500.000	524.389	24.389	159156.93	4.88
S2 (S)	12500.000	12710.669	210.669	3826757.70	1.69
S3 (S)	25000.000	25483.538	483.538	7670899.48	1.93

S4 (S)	50000.000	50170.704	170.704	15100785.70	0.34
S5 (S)	100000.000	99767.308	232.692	30027453.16	0.23

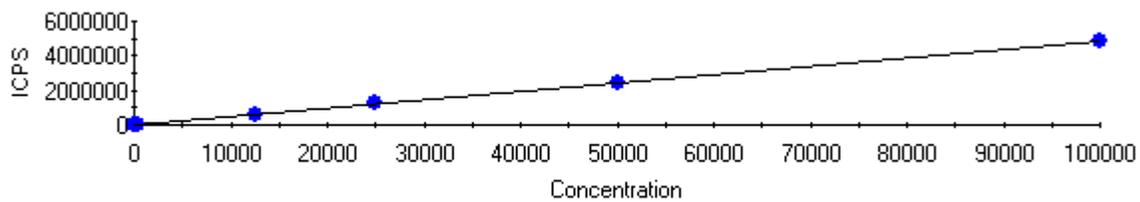
25Mg FQ Block 1



Intercept CPS=193.834649 Intercept Conc=4.724389
Sensitivity=41.028509 Correlation Coeff=0.999983

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	193.83	0.00
S1 (S)	500.000	524.315	24.315	21705.68	4.86
S2 (S)	12500.000	12783.874	283.874	524697.11	2.27
S3 (S)	25000.000	25517.304	517.304	1047130.76	2.07
S4 (S)	50000.000	50010.371	10.371	2052044.79	0.02
S5 (S)	100000.000	99829.883	170.117	4096065.04	0.17

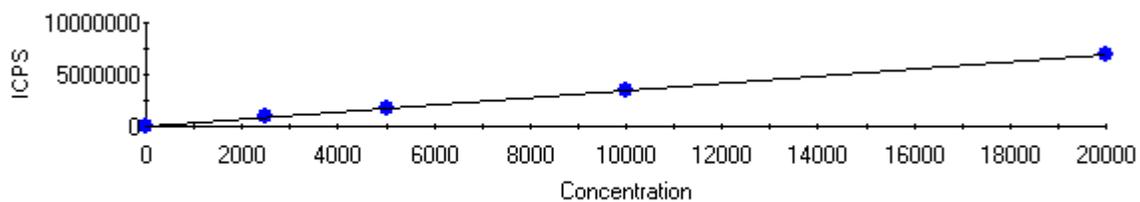
26Mg FQ Block 1



Intercept CPS=214.608902 Intercept Conc=4.386804
Sensitivity=48.921468 Correlation Coeff=0.999931

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	214.61	0.00
S1 (S)	500.000	534.170	34.170	26346.99	6.83
S2 (S)	12500.000	12960.458	460.458	634259.23	3.68
S3 (S)	25000.000	26073.940	1073.940	1275790.02	4.30
S4 (S)	50000.000	49984.935	15.065	2445550.97	0.03
S5 (S)	100000.000	99681.320	318.680	4876771.06	0.32

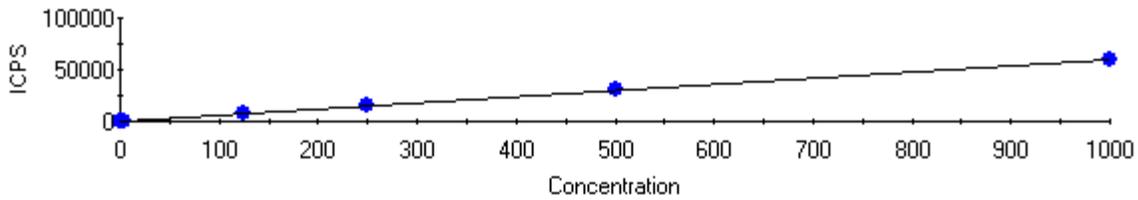
27Al FQ Block 1



Intercept CPS=701.167012 Intercept Conc=2.025317
Sensitivity=346.201092 Correlation Coeff=0.999975

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	701.17	0.00
S1 (S)	20.000	22.669	2.669	8549.25	13.35
S2 (S)	2500.000	2635.013	135.013	912945.70	5.40
S3 (S)	5000.000	5057.424	57.424	1751587.02	1.15
S4 (S)	10000.000	9993.498	6.502	3460461.01	0.07
S5 (S)	20000.000	19972.016	27.984	6915034.80	0.14

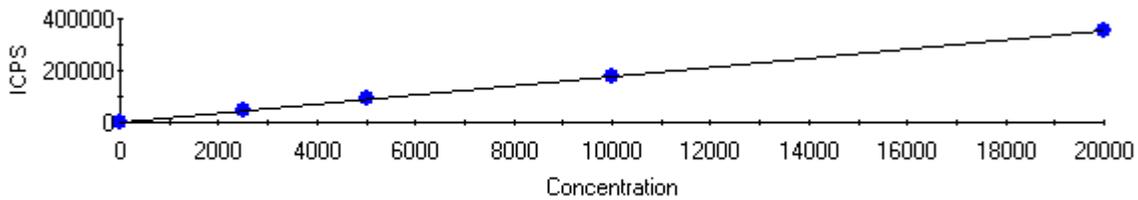
28Si FQ Block 1



Intercept CPS=555.087143 Intercept Conc=9.305778
Sensitivity=59.649728 Correlation Coeff=0.999919

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	555.09	0.00
S1 (S)	5.000	6.323	1.323	932.24	26.46
S2 (S)	125.000	129.152	4.152	8258.95	3.32
S3 (S)	250.000	262.096	12.096	16189.02	4.84
S4 (S)	500.000	500.363	0.363	30401.60	0.07
S5 (S)	1000.000	996.269	3.731	59982.27	0.37

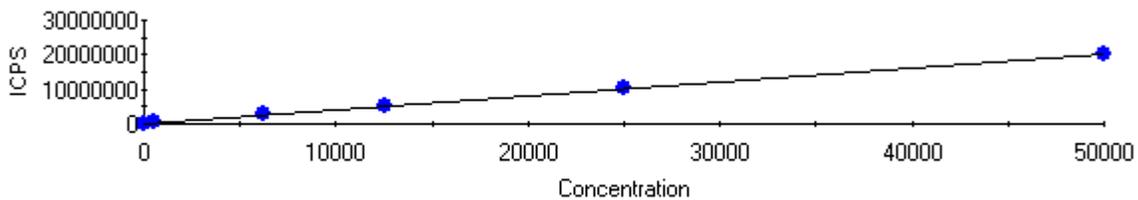
31P FQ Block 1



Intercept CPS=1050.482501 Intercept Conc=59.203192
Sensitivity=17.743680 Correlation Coeff=0.999988

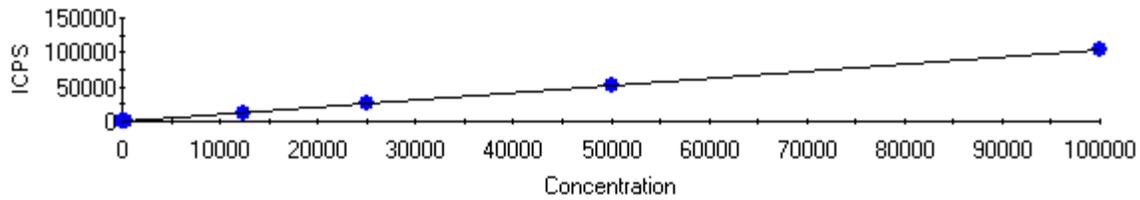
Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	1050.48	0.00
S1 (S)	0.000	-0.786	0.786	1036.54	0.00
S2 (S)	2500.000	2512.485	12.485	45631.20	0.50
S3 (S)	5000.000	5041.972	41.972	90513.62	0.84
S4 (S)	10000.000	9932.605	67.395	177291.45	0.67
S5 (S)	20000.000	20021.644	21.644	356308.12	0.11

39K FQ Block 1



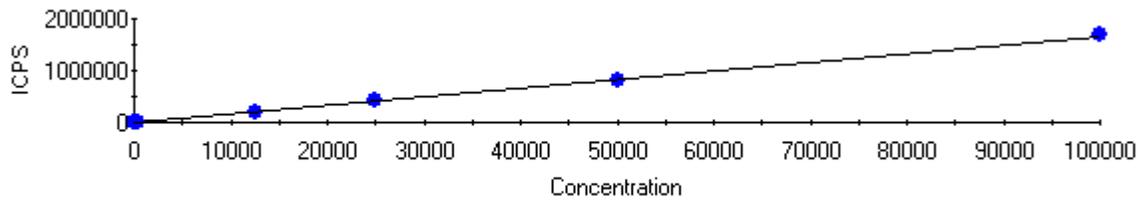
Intercept CPS=115508.508263 Intercept Conc=285.020115
Sensitivity=405.264409 Correlation Coeff=0.999980

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	115508.51	0.00
S1 (S)	500.000	497.220	2.780	317014.26	0.56
S2 (S)	6250.000	6291.041	41.041	2665043.51	0.66
S3 (S)	12500.000	12773.434	273.434	5292126.86	2.19
S4 (S)	25000.000	25074.861	74.861	10277457.39	0.30
S5 (S)	50000.000	49889.108	110.892	20333788.52	0.22

43Ca FQ Block 1

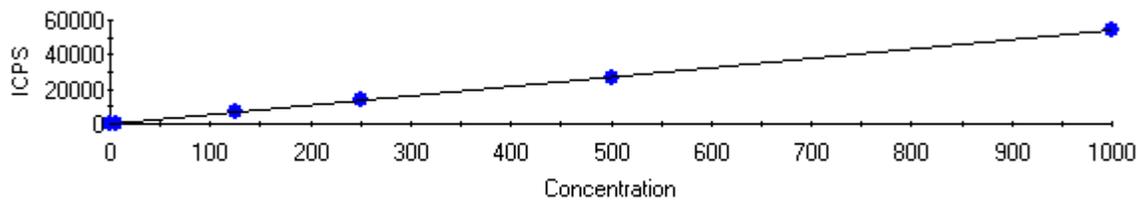
Intercept CPS=6.258670 Intercept Conc=5.970346
Sensitivity=1.048293 Correlation Coeff=0.999958

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	6.26	0.00
S1 (S)	500.000	496.814	3.186	527.07	0.64
S2 (S)	12500.000	12045.005	454.995	12632.95	3.64
S3 (S)	25000.000	25640.933	640.933	26885.46	2.56
S4 (S)	50000.000	49963.920	36.080	52383.07	0.07
S5 (S)	100000.000	99914.697	85.303	104746.10	0.09

44Ca FQ Block 1

Intercept CPS=343.189781 Intercept Conc=20.546469
Sensitivity=16.703103 Correlation Coeff=0.999943

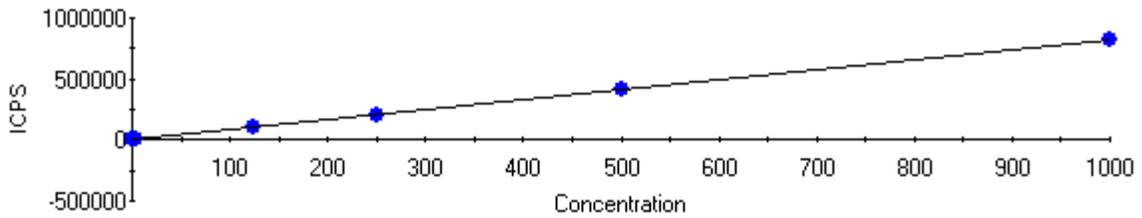
Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	343.19	0.00
S1 (S)	500.000	506.818	6.818	8808.62	1.36
S2 (S)	12500.000	12431.688	68.312	207990.96	0.55
S3 (S)	25000.000	24862.579	137.421	415625.41	0.55
S4 (S)	50000.000	49156.100	843.900	821402.60	1.69
S5 (S)	100000.000	100464.810	464.810	1678417.26	0.46

47Ti FQ Block 1

Intercept CPS=10.418135 Intercept Conc=0.192803
Sensitivity=54.035141 Correlation Coeff=0.999991

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	10.42	0.00
S1 (S)	5.000	4.682	0.318	263.39	6.37
S2 (S)	125.000	125.857	0.857	6811.10	0.69
S3 (S)	250.000	248.593	1.407	13443.17	0.56
S4 (S)	500.000	496.965	3.035	26863.99	0.61
S5 (S)	1000.000	1001.764	1.764	54140.87	0.18

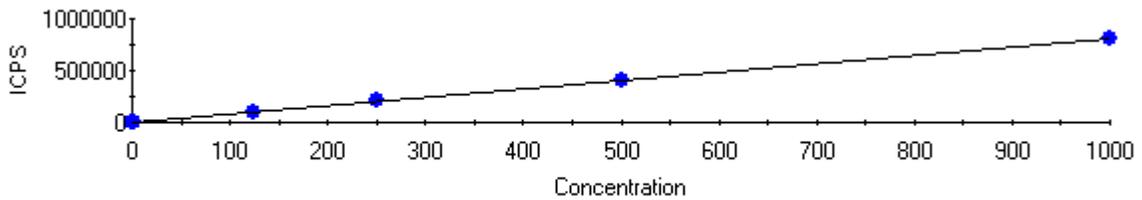
51V FQ Block 1



Intercept CPS=18.933533 Intercept Conc=0.022955
Sensitivity=824.808524 Correlation Coeff=0.999967

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	18.93	0.00
S1 (S)	5.000	4.851	0.149	4019.87	2.99
S2 (S)	125.000	124.816	0.184	102968.03	0.15
S3 (S)	250.000	251.146	1.146	207166.09	0.46
S4 (S)	500.000	493.581	6.419	407128.94	1.28
S5 (S)	1000.000	1002.947	2.947	827257.94	0.29

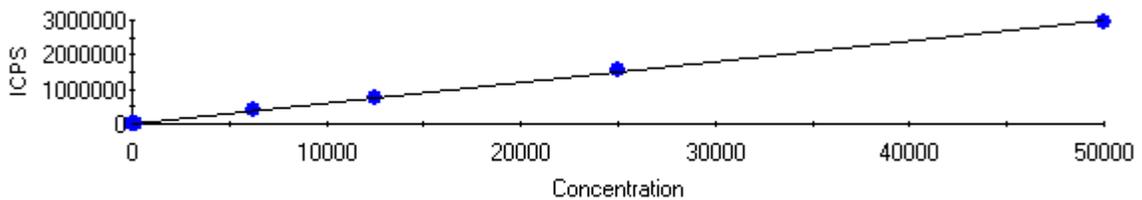
52Cr FQ Block 1



Intercept CPS=258.831689 Intercept Conc=0.318559
Sensitivity=812.509028 Correlation Coeff=0.999986

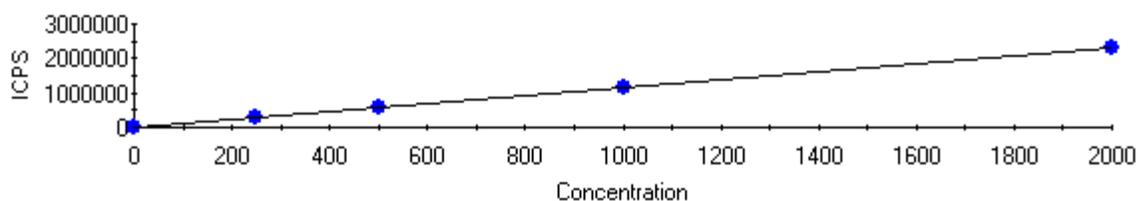
Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	258.83	0.00
S1 (S)	2.000	2.168	0.168	2020.33	8.40
S2 (S)	125.000	124.814	0.186	101670.97	0.15
S3 (S)	250.000	250.565	0.565	203845.33	0.23
S4 (S)	500.000	495.842	4.158	403135.16	0.83
S5 (S)	1000.000	1001.961	1.961	814360.80	0.20

54Fe FQ Block 1



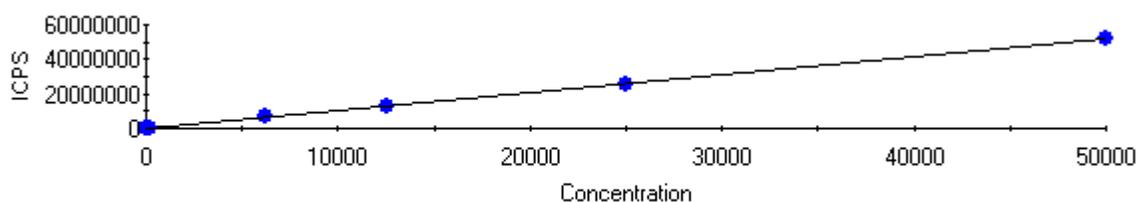
Intercept CPS=2844.669766 Intercept Conc=47.901919
Sensitivity=59.385299 Correlation Coeff=0.999774

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	2844.67	0.00
S1 (S)	200.000	202.548	2.548	14873.06	1.27
S2 (S)	6250.000	6430.575	180.575	384726.30	2.89
S3 (S)	12500.000	13023.933	523.933	776274.82	4.19
S4 (S)	25000.000	25709.777	709.777	1529627.47	2.84
S5 (S)	50000.000	49491.546	508.454	2941914.93	1.02

55Mn FQ Block 1

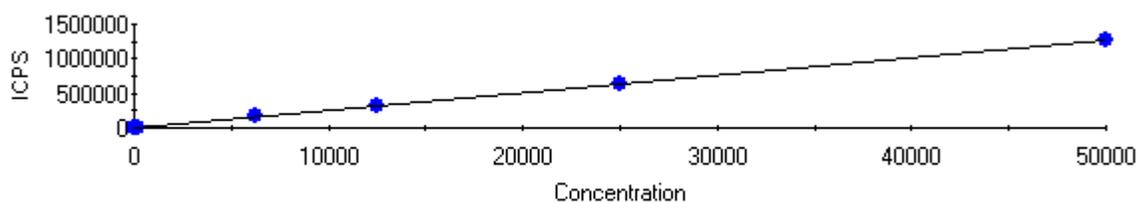
Intercept CPS=246.872394 Intercept Conc=0.213404
Sensitivity=1156.828770 Correlation Coeff=0.999987

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	246.87	0.00
S1 (S)	1.000	1.140	0.140	1566.05	14.03
S2 (S)	250.000	251.458	1.458	291140.36	0.58
S3 (S)	500.000	508.694	8.694	588718.60	1.74
S4 (S)	1000.000	1003.108	3.108	1160671.05	0.31
S5 (S)	2000.000	1996.090	3.910	2309381.51	0.20

56Fe FQ Block 1

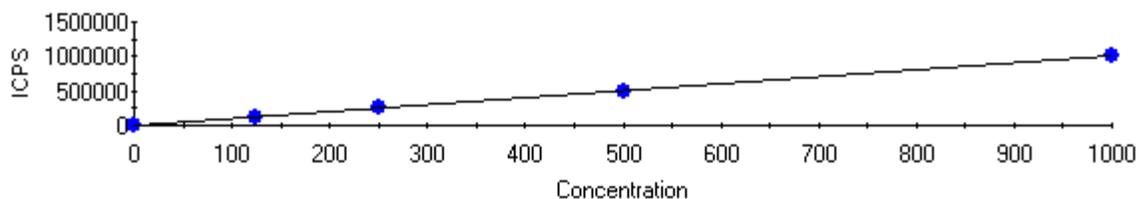
Intercept CPS=34841.482825 Intercept Conc=33.720222
Sensitivity=1033.251894 Correlation Coeff=0.999988

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	34841.48	0.00
S1 (S)	200.000	205.750	5.750	247433.30	2.88
S2 (S)	6250.000	6301.707	51.707	6546092.39	0.83
S3 (S)	12500.000	12716.442	216.442	13174129.56	1.73
S4 (S)	25000.000	25053.700	53.700	25921624.00	0.21
S5 (S)	50000.000	49912.553	87.447	51607081.63	0.17

57Fe FQ Block 1

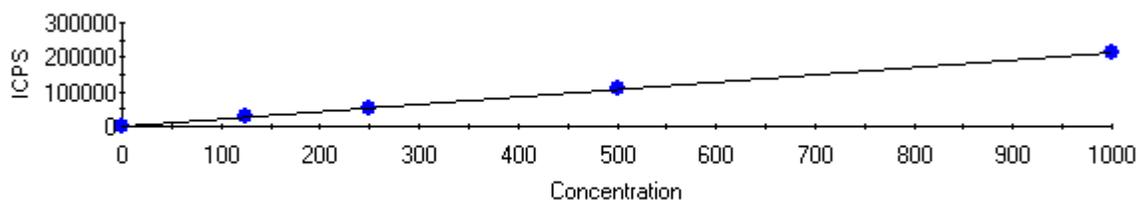
Intercept CPS=932.859881 Intercept Conc=36.579049
Sensitivity=25.502574 Correlation Coeff=0.999984

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	932.86	0.00
S1 (S)	200.000	201.480	1.480	6071.12	0.74
S2 (S)	6250.000	6341.876	91.876	162667.01	1.47
S3 (S)	12500.000	12648.609	148.609	323504.93	1.19
S4 (S)	25000.000	25185.652	185.652	643231.82	0.74
S5 (S)	50000.000	49858.531	141.469	1272453.73	0.28

59Co FQ Block 1

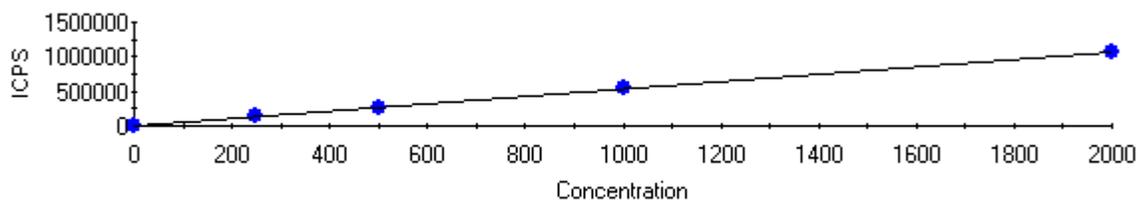
Intercept CPS=35.910976 Intercept Conc=0.035989
Sensitivity=997.833687 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	35.91	0.00
S1 (S)	1.000	1.001	0.001	1034.64	0.09
S2 (S)	125.000	124.466	0.534	124232.40	0.43
S3 (S)	250.000	249.612	0.388	249106.78	0.16
S4 (S)	500.000	499.250	0.750	498204.43	0.15
S5 (S)	1000.000	1000.539	0.539	998407.24	0.05

60Ni FQ Block 1

Intercept CPS=22.399179 Intercept Conc=0.104182
Sensitivity=215.001482 Correlation Coeff=0.999999

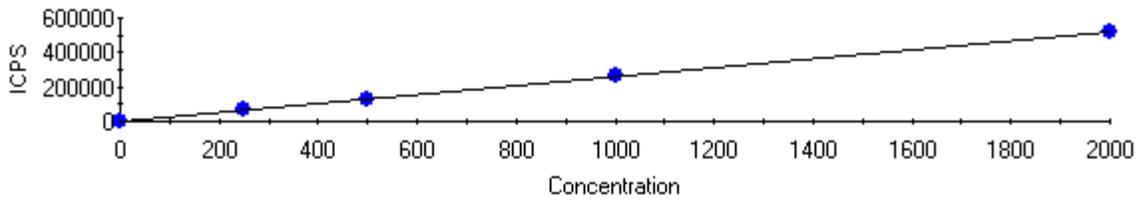
Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	22.40	0.00
S1 (S)	1.000	1.126	0.126	264.46	12.59
S2 (S)	125.000	125.936	0.936	27098.83	0.75
S3 (S)	250.000	251.360	1.360	54065.12	0.54
S4 (S)	500.000	499.561	0.439	107428.81	0.09
S5 (S)	1000.000	999.762	0.238	214972.77	0.02

63Cu FQ Block 1

Intercept CPS=60.417947 Intercept Conc=0.112467
Sensitivity=537.204403 Correlation Coeff=0.999992

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	60.42	0.00
S1 (S)	2.000	2.226	0.226	1256.19	11.30
S2 (S)	250.000	256.075	6.075	137625.27	2.43
S3 (S)	500.000	506.036	6.036	271905.23	1.21
S4 (S)	1000.000	999.067	0.933	536763.66	0.09
S5 (S)	2000.000	1998.198	1.802	1073501.06	0.09

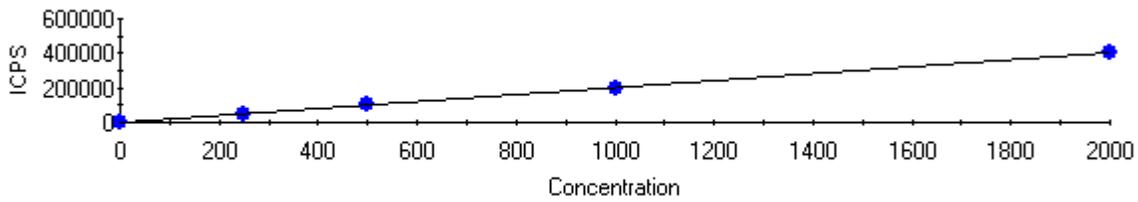
65Cu FQ Block 1



Intercept CPS=19.271737 Intercept Conc=0.074017
Sensitivity=260.369158 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	19.27	0.00
S1 (S)	2.000	2.171	0.171	584.51	8.55
S2 (S)	250.000	252.853	2.853	65854.44	1.14
S3 (S)	500.000	506.457	6.457	131885.17	1.29
S4 (S)	1000.000	1004.382	4.382	261529.31	0.44
S5 (S)	2000.000	1995.838	4.162	519673.91	0.21

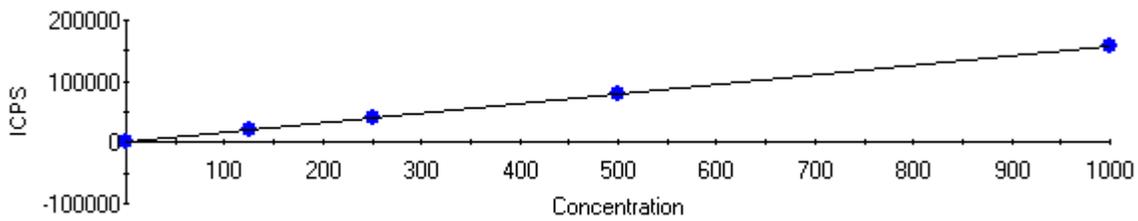
66Zn FQ Block 1



Intercept CPS=61.464248 Intercept Conc=0.304608
Sensitivity=201.781676 Correlation Coeff=0.999994

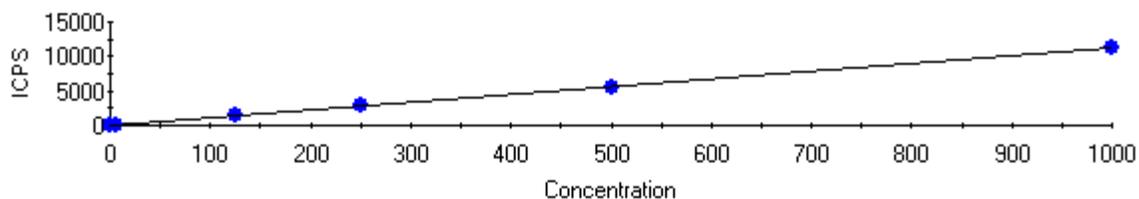
Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	61.46	0.00
S1 (S)	2.000	2.561	0.561	578.28	28.06
S2 (S)	250.000	251.657	1.657	50841.33	0.66
S3 (S)	500.000	506.428	6.428	102249.33	1.29
S4 (S)	1000.000	1000.142	0.142	201871.75	0.01
S5 (S)	2000.000	1998.114	1.886	403244.34	0.09

75As FQ Block 1



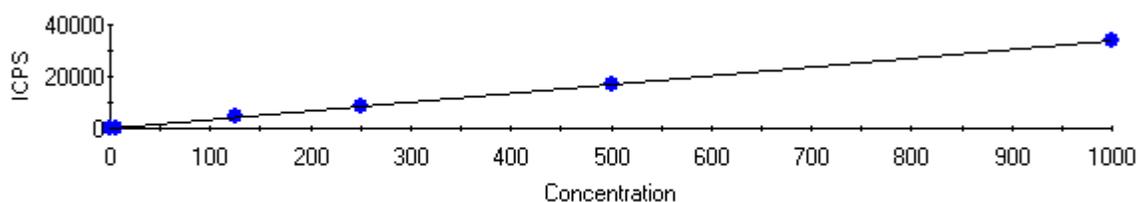
Intercept CPS=2.739087 Intercept Conc=0.017325
Sensitivity=158.104346 Correlation Coeff=0.999944

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	2.74	0.00
S1 (S)	1.000	1.193	0.193	191.28	19.25
S2 (S)	125.000	122.610	2.390	19387.88	1.91
S3 (S)	250.000	248.901	1.099	39355.05	0.44
S4 (S)	500.000	491.760	8.240	77752.07	1.65
S5 (S)	1000.000	1004.694	4.694	158849.16	0.47

77Se FQ Block 1

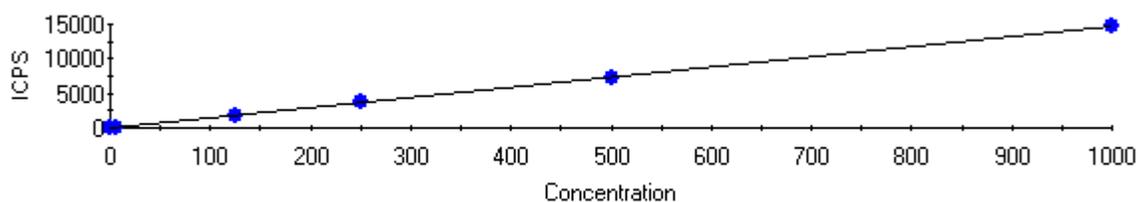
Intercept CPS=2.530456 Intercept Conc=0.226545
Sensitivity=11.169750 Correlation Coeff=0.999978

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	2.53	0.00
S1 (S)	5.000	5.048	0.048	58.92	0.97
S2 (S)	125.000	125.269	0.269	1401.76	0.22
S3 (S)	250.000	250.484	0.484	2800.37	0.19
S4 (S)	500.000	494.760	5.240	5528.88	1.05
S5 (S)	1000.000	1002.465	2.465	11199.81	0.25

78Se FQ Block 1

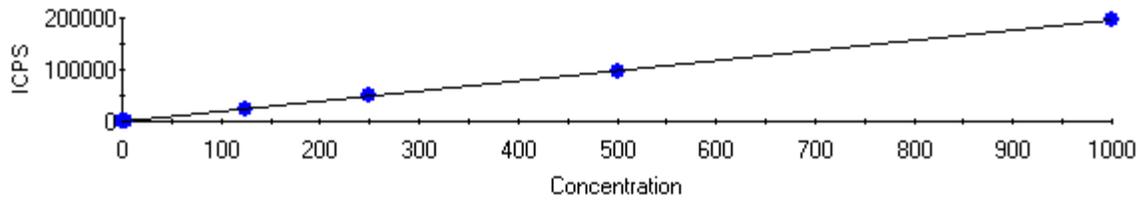
Intercept CPS=155.400216 Intercept Conc=4.616235
Sensitivity=33.663845 Correlation Coeff=0.999997

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	155.40	0.00
S1 (S)	5.000	5.009	0.009	324.01	0.17
S2 (S)	125.000	123.531	1.469	4313.93	1.18
S3 (S)	250.000	249.799	0.201	8564.61	0.08
S4 (S)	500.000	498.493	1.507	16936.58	0.30
S5 (S)	1000.000	1000.987	0.987	33852.48	0.10

82Se FQ Block 1

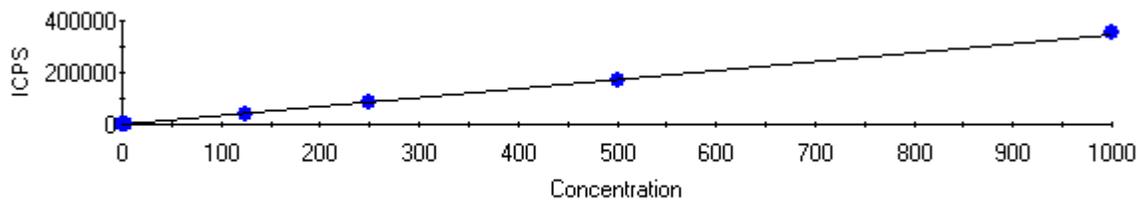
Intercept CPS=3.287706 Intercept Conc=0.225572
Sensitivity=14.575004 Correlation Coeff=0.999971

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	3.29	0.00
S1 (S)	5.000	5.032	0.032	76.63	0.64
S2 (S)	125.000	124.895	0.105	1823.63	0.08
S3 (S)	250.000	249.811	0.189	3644.29	0.08
S4 (S)	500.000	493.907	6.093	7201.98	1.22
S5 (S)	1000.000	1003.107	3.107	14623.57	0.31

94Mo FQ Block 1

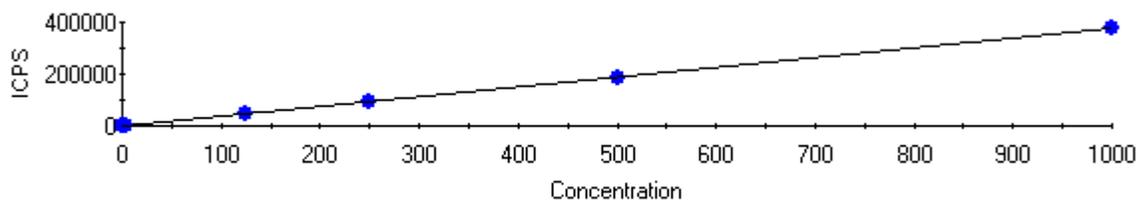
Intercept CPS=16.665077 Intercept Conc=0.084799
Sensitivity=196.523981 Correlation Coeff=0.999975

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	16.67	0.00
S1 (S)	5.000	4.743	0.257	948.86	5.13
S2 (S)	125.000	121.753	3.247	23944.02	2.60
S3 (S)	250.000	246.488	3.512	48457.53	1.40
S4 (S)	500.000	495.424	4.576	97379.44	0.92
S5 (S)	1000.000	1003.573	3.573	197242.81	0.36

95Mo FQ Block 1

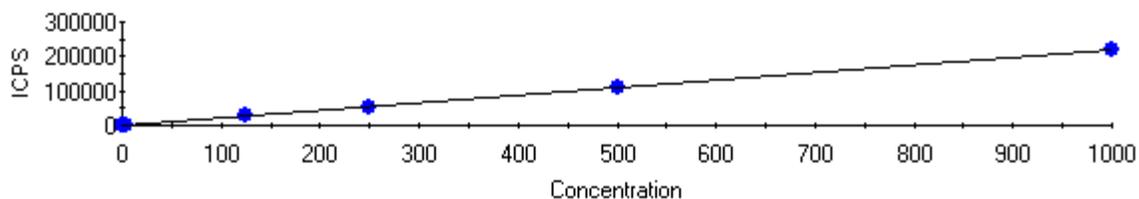
Intercept CPS=18.756887 Intercept Conc=0.053703
Sensitivity=349.272547 Correlation Coeff=0.999961

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	18.76	0.00
S1 (S)	5.000	4.668	0.332	1649.09	6.64
S2 (S)	125.000	120.299	4.701	42036.04	3.76
S3 (S)	250.000	246.007	3.993	85942.40	1.60
S4 (S)	500.000	494.301	5.699	172664.63	1.14
S5 (S)	1000.000	1004.437	4.437	350840.93	0.44

96Mo FQ Block 1

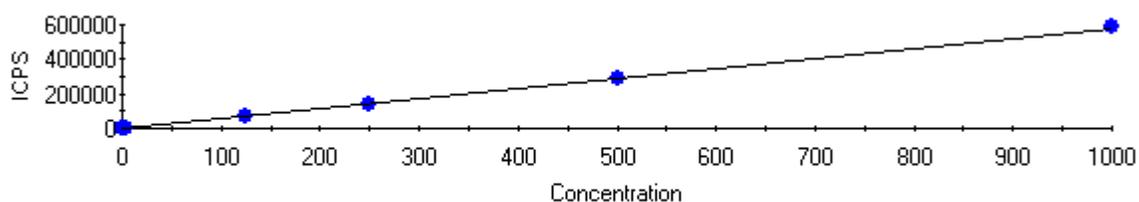
Intercept CPS=23.969716 Intercept Conc=0.063836
Sensitivity=375.488407 Correlation Coeff=0.999976

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	23.97	0.00
S1 (S)	5.000	4.816	0.184	1832.41	3.68
S2 (S)	125.000	122.182	2.818	45902.04	2.25
S3 (S)	250.000	247.724	2.276	93041.54	0.91
S4 (S)	500.000	495.058	4.942	185912.54	0.99
S5 (S)	1000.000	1003.393	3.393	376786.42	0.34

97Mo FQ Block 1

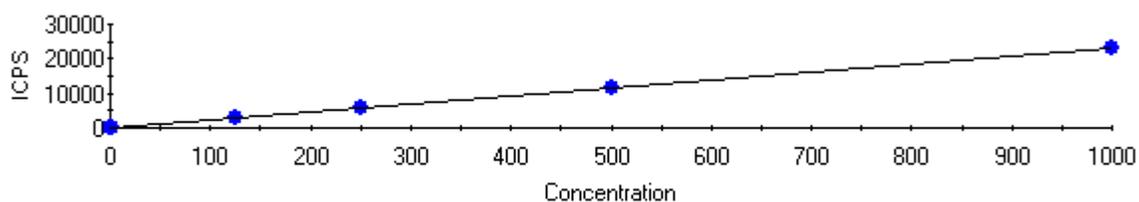
Intercept CPS=21.349567 Intercept Conc=0.097285
Sensitivity=219.454526 Correlation Coeff=0.999985

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	21.35	0.00
S1 (S)	5.000	4.549	0.451	1019.75	9.01
S2 (S)	125.000	122.302	2.698	26861.04	2.16
S3 (S)	250.000	248.113	1.887	54470.78	0.75
S4 (S)	500.000	496.056	3.944	108882.98	0.79
S5 (S)	1000.000	1002.784	2.784	220086.75	0.28

98Mo FQ Block 1

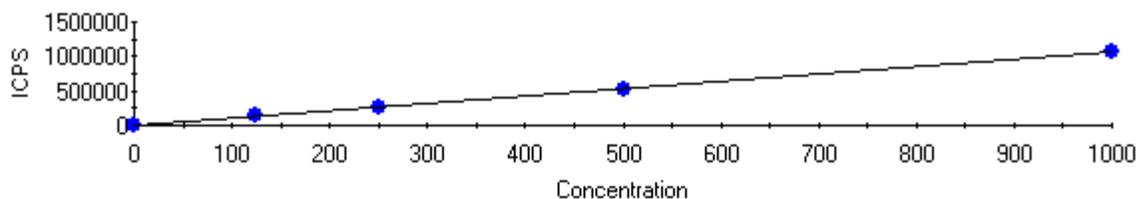
Intercept CPS=23.432771 Intercept Conc=0.040409
Sensitivity=579.883849 Correlation Coeff=0.999902

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	23.43	0.00
S1 (S)	5.000	4.816	0.184	2816.12	3.68
S2 (S)	125.000	120.418	4.582	69851.60	3.67
S3 (S)	250.000	245.634	4.366	142462.65	1.75
S4 (S)	500.000	489.659	10.341	283968.86	2.07
S5 (S)	1000.000	1006.836	6.836	583871.16	0.68

106Cd FQ Block 1

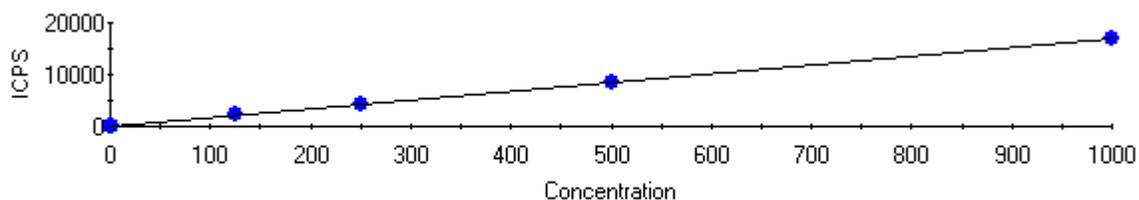
Intercept CPS=116.081363 Intercept Conc=5.061715
Sensitivity=22.933208 Correlation Coeff=0.999988

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	116.08	0.00
S1 (S)	1.000	0.956	0.044	138.02	4.36
S2 (S)	125.000	125.344	0.344	2990.61	0.27
S3 (S)	250.000	253.987	3.987	5940.82	1.59
S4 (S)	500.000	501.757	1.757	11622.98	0.35
S5 (S)	1000.000	998.082	1.918	23005.30	0.19

107Ag FQ Block 1

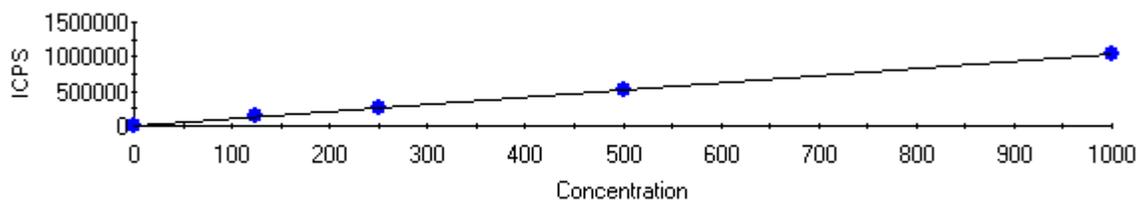
Intercept CPS=46.321417 Intercept Conc=0.043363
Sensitivity=1068.227174 Correlation Coeff=0.999985

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	0.000	0.000	46.32	0.00
S1 (S)	1.000	1.033	0.033	1149.44	3.27
S2 (S)	125.000	125.296	0.296	133890.44	0.24
S3 (S)	250.000	254.891	4.891	272327.83	1.96
S4 (S)	500.000	498.946	1.054	533034.15	0.21
S5 (S)	1000.000	999.267	0.733	1067490.69	0.07

108Cd FQ Block 1

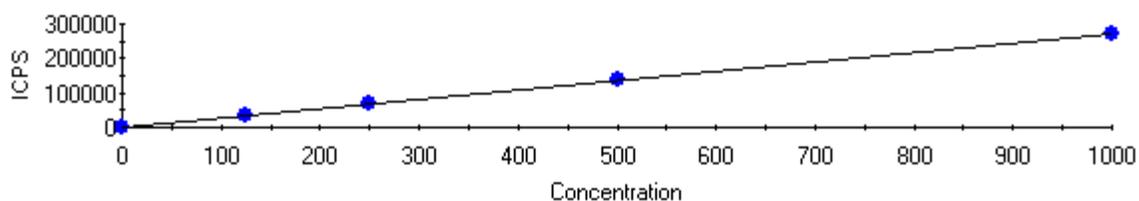
Intercept CPS=84.738630 Intercept Conc=5.069046
Sensitivity=16.716880 Correlation Coeff=0.999987

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	84.74	0.00
S1 (S)	1.000	0.959	0.041	100.78	4.05
S2 (S)	125.000	125.484	0.484	2182.45	0.39
S3 (S)	250.000	254.130	4.130	4333.00	1.65
S4 (S)	500.000	501.858	1.858	8474.23	0.37
S5 (S)	1000.000	997.978	2.022	16767.82	0.20

109Ag FQ Block 1

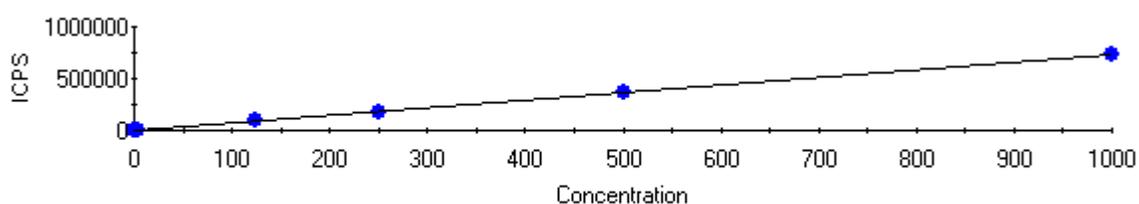
Intercept CPS=31.219776 Intercept Conc=0.029725
Sensitivity=1050.288983 Correlation Coeff=0.999995

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S0)	0.000	-0.000	0.000	31.22	0.00
S1 (S)	1.000	1.055	0.055	1139.59	5.53
S2 (S)	125.000	126.171	1.171	132547.02	0.94
S3 (S)	250.000	252.666	2.666	265403.84	1.07
S4 (S)	500.000	499.356	0.644	524499.52	0.13
S5 (S)	1000.000	999.509	0.491	1049804.44	0.05

111Cd FQ Block 1

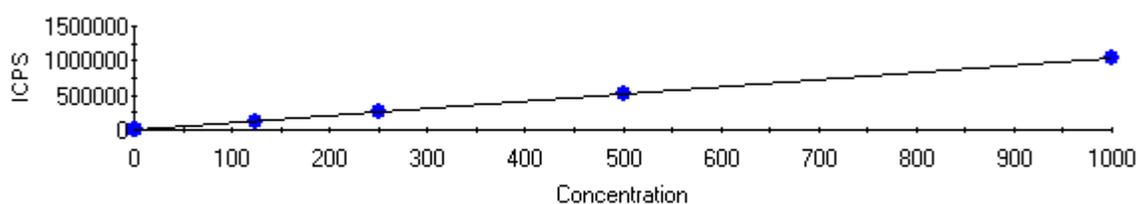
Intercept CPS=80.544400 Intercept Conc=0.296831
Sensitivity=271.347748 Correlation Coeff=0.999998

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	80.54	0.00
S1 (S)	1.000	1.026	0.026	358.90	2.58
S2 (S)	125.000	124.991	0.009	33996.55	0.01
S3 (S)	250.000	252.016	2.016	68464.52	0.81
S4 (S)	500.000	500.048	0.048	135767.46	0.01
S5 (S)	1000.000	999.473	0.527	271285.31	0.05

118Sn FQ Block 1

Intercept CPS=109.413898 Intercept Conc=0.149858
Sensitivity=730.117796 Correlation Coeff=0.999992

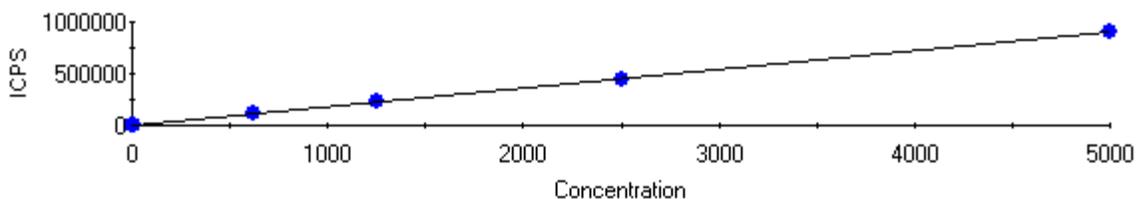
Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	109.41	0.00
S1 (S)	5.000	5.121	0.121	3848.15	2.41
S2 (S)	125.000	123.089	1.911	89978.80	1.53
S3 (S)	250.000	248.860	1.140	181806.20	0.46
S4 (S)	500.000	497.167	2.833	363099.93	0.57
S5 (S)	1000.000	1001.940	1.940	731643.55	0.19

121Sb FQ Block 1

Intercept CPS=116.151918 Intercept Conc=0.112766
Sensitivity=1030.025744 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	116.15	0.00
S1 (S)	2.000	1.879	0.121	2051.45	6.06
S2 (S)	125.000	121.389	3.611	125149.98	2.89
S3 (S)	250.000	249.601	0.399	257211.90	0.16
S4 (S)	500.000	497.793	2.207	512855.56	0.44
S5 (S)	1000.000	1001.655	1.655	1031846.47	0.17

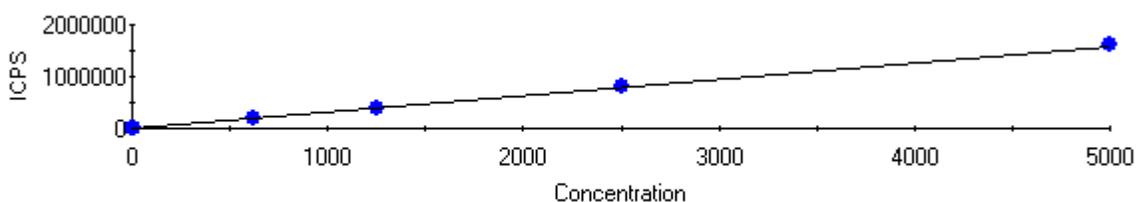
135Ba FQ Block 1



Intercept CPS=22.389551 Intercept Conc=0.124271
Sensitivity=180.166946 Correlation Coeff=0.999998

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	22.39	0.00
S1 (S)	10.000	9.989	0.011	1822.09	0.11
S2 (S)	625.000	620.622	4.378	111837.99	0.70
S3 (S)	1250.000	1256.133	6.133	226336.00	0.49
S4 (S)	2500.000	2498.128	1.872	450102.56	0.07
S5 (S)	5000.000	4999.950	0.050	900848.08	0.00

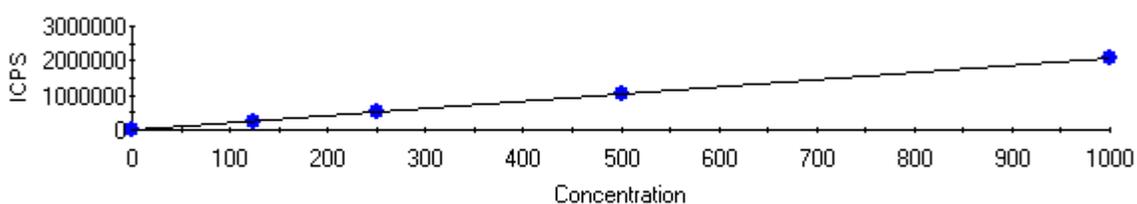
137Ba FQ Block 1



Intercept CPS=43.221067 Intercept Conc=0.135444
Sensitivity=319.106506 Correlation Coeff=0.999994

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	43.22	0.00
S1 (S)	10.000	9.921	0.079	3209.14	0.79
S2 (S)	625.000	621.115	3.885	198245.11	0.62
S3 (S)	1250.000	1253.716	3.716	400112.26	0.30
S4 (S)	2500.000	2486.918	13.082	793635.02	0.52
S5 (S)	5000.000	5006.098	6.098	1597521.52	0.12

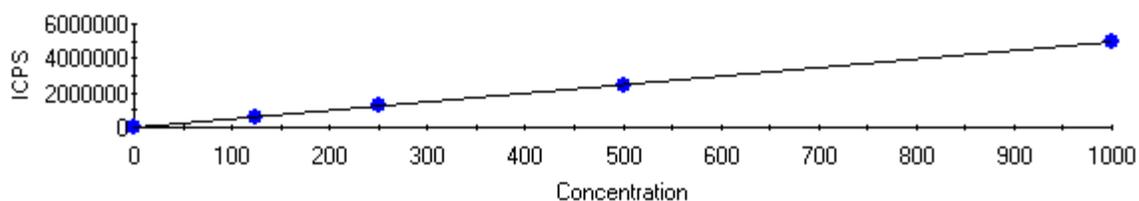
203Tl FQ Block 1



Intercept CPS=77.043881 Intercept Conc=0.037284
Sensitivity=2066.391266 Correlation Coeff=0.999982

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	77.04	0.00
S1 (S)	1.000	1.008	0.008	2160.27	0.81
S2 (S)	125.000	123.528	1.472	255335.16	1.18
S3 (S)	250.000	248.749	1.251	514090.34	0.50
S4 (S)	500.000	495.375	4.625	1023715.29	0.93
S5 (S)	1000.000	1002.809	2.809	2072273.22	0.28

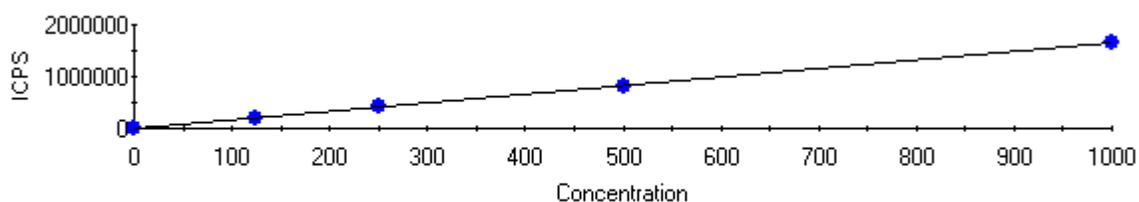
205Tl FQ Block 1



Intercept CPS=192.192122 Intercept Conc=0.038677
Sensitivity=4969.154138 Correlation Coeff=0.999992

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	0.000	0.000	192.19	0.00
S1 (S)	1.000	1.014	0.014	5232.35	1.43
S2 (S)	125.000	123.664	1.336	614698.07	1.07
S3 (S)	250.000	249.115	0.885	1238082.12	0.35
S4 (S)	500.000	496.943	3.057	2469576.33	0.61
S5 (S)	1000.000	1001.917	1.917	4978872.17	0.19

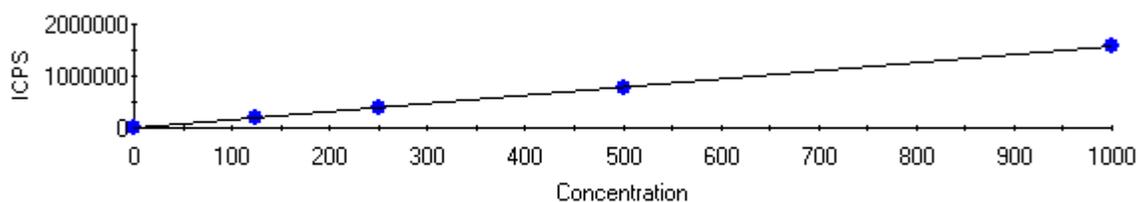
206Pb FQ Block 1



Intercept CPS=95.276551 Intercept Conc=0.057722
Sensitivity=1650.598076 Correlation Coeff=0.999995

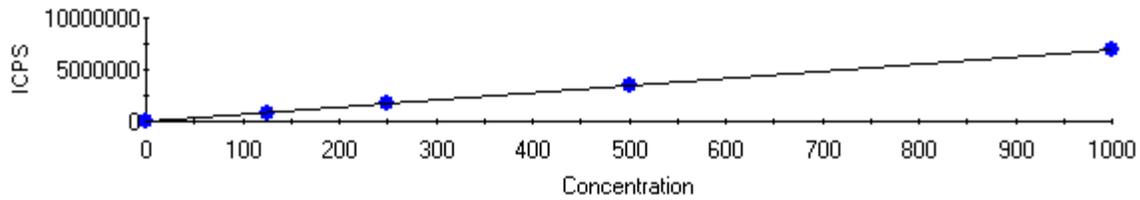
Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	95.28	0.00
S1 (S)	1.000	1.022	0.022	1781.53	2.16
S2 (S)	125.000	124.553	0.447	205681.47	0.36
S3 (S)	250.000	249.837	0.163	412476.06	0.07
S4 (S)	500.000	497.591	2.409	821418.51	0.48
S5 (S)	1000.000	1001.301	1.301	1652840.73	0.13

207Pb FQ Block 1



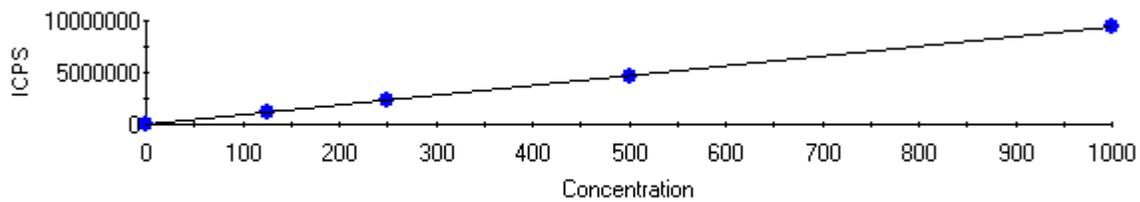
Intercept CPS=86.965243 Intercept Conc=0.055796
Sensitivity=1558.618067 Correlation Coeff=0.999974

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	86.97	0.00
S1 (S)	1.000	0.988	0.012	1626.14	1.25
S2 (S)	125.000	123.904	1.096	193205.69	0.88
S3 (S)	250.000	251.389	1.389	391906.75	0.56
S4 (S)	500.000	494.447	5.553	770740.21	1.11
S5 (S)	1000.000	1002.566	2.566	1562705.19	0.26

208Pb FQ Block 1

Intercept CPS=367.069973 Intercept Conc=0.053308
Sensitivity=6885.784931 Correlation Coeff=0.999987

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	367.07	0.00
S1 (S)	1.000	0.998	0.002	7240.38	0.18
S2 (S)	125.000	123.912	1.088	853597.89	0.87
S3 (S)	250.000	251.181	1.181	1729944.64	0.47
S4 (S)	500.000	496.142	3.858	3416692.60	0.77
S5 (S)	1000.000	1001.770	1.770	6898339.19	0.18

238U FQ Block 1

Intercept CPS=234.775827 Intercept Conc=0.024930
Sensitivity=9417.562201 Correlation Coeff=0.999972

Label	Defined	Measured	Error	Mean CPS	% Error
S0 (S)	0.000	-0.000	0.000	234.78	0.00
S1 (S)	0.000	0.016	0.016	387.20	0.00
S2 (S)	125.000	122.192	2.808	1150985.60	2.25
S3 (S)	250.000	249.412	0.588	2349084.10	0.24
S4 (S)	500.000	494.342	5.658	4655730.76	1.13
S5 (S)	1000.000	1003.327	3.327	9449130.40	0.33

Dilution Corrected Concentrations

SO (SO) 04/29/2011 01:59:21 PM

User Pre-dilution: 1.000

Run	Time	6Li ppb	9Be ppb	10B ppb	13C ppb	23Na ppb	24Mg ppb	25Mg ppb	26Mg ppb	27Al ppb
1	14:00:29	100%	-0.016	-0.136	0.000	-1.961	-0.325	-0.691	-0.112	-0.191
2	14:01:37	101%	-0.036	0.540	0.000	0.846	-0.359	-0.247	-0.090	0.026
3	14:02:46	99%	0.052	-0.404	0.000	1.115	0.684	0.939	0.202	0.165
X		100%	0.000	-0.000	0.000	0.000	0.000	-0.000	0.000	0.000
σ		1%	0.046	0.486	0.000	1.704	0.593	0.843	0.175	0.179
%RSD		1	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Run	Time	28Si ppb	31P ppb	34S ppb	37Cl ppb	39K ppb	43Ca ppb	44Ca ppb	45Sc ppb	47Ti ppb
1	14:00:29	0.374	3.304	0.000	0.000	-1.448	-2.999	1.365	100%	0.038
2	14:01:37	0.617	-0.789	0.000	0.000	-0.101	-1.499	-0.340	100%	-0.106
3	14:02:46	-0.991	-2.515	0.000	0.000	1.549	4.498	-1.025	100%	0.068
X		-0.000	0.000	0.000	0.000	0.000	0.000	0.000	100%	-0.000
σ		0.867	2.988	0.000	0.000	1.501	3.967	1.231	0%	0.093
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	0.000
Run	Time	51V ppb	52Cr ppb	53Cr O ppb	54Fe ppb	55Mn ppb	56Fe ppb	57Fe ppb	59Co ppb	60Ni ppb
1	14:00:29	-0.140	0.029	0.071	-1.002	0.013	-0.327	1.013	-0.000	-0.002
2	14:01:37	0.084	-0.007	-0.167	-1.552	-0.008	0.169	-1.193	-0.009	-0.017
3	14:02:46	0.056	-0.022	0.096	2.554	-0.005	0.158	0.180	0.009	0.020
X		0.000	0.000	0.000	0.000	-0.000	-0.000	0.000	0.000	-0.000
σ		0.122	0.026	0.145	2.228	0.012	0.283	1.114	0.009	0.018
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Run	Time	63Cu ppb	65Cu ppb	66Zn ppb	75As ppb	77Se ppb	77Ar Cl ppb	78Se ppb	82Se ppb	83Kr ppb
1	14:00:29	-0.011	-0.020	-0.033	0.056	0.169	-0.013	0.230	0.168	0.144
2	14:01:37	0.001	-0.008	-0.049	-0.082	-0.049	0.014	-0.064	-0.049	-0.217
3	14:02:46	0.010	0.028	0.083	0.026	-0.120	-0.001	-0.166	-0.120	0.073
X		-0.000	-0.000	0.000	-0.000	-0.000	0.000	-0.000	0.000	-0.000
σ		0.010	0.025	0.072	0.072	0.150	0.013	0.205	0.150	0.191
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Run	Time	94Mo ppb	95Mo ppb	96Mo ppb	97Mo ppb	98Mo ppb	99Ru ppb	103Rh ppb	106Cd ppb	107Ag ppb
1	14:00:29	-0.005	0.005	0.007	-0.004	-0.002	0.000	99%	-0.590	-0.006
2	14:01:37	-0.037	-0.005	-0.006	0.037	-0.008	0.003	100%	0.091	-0.003
3	14:02:46	0.042	-0.000	-0.002	-0.033	0.011	-0.003	100%	0.499	0.009
X		0.000	0.000	-0.000	0.000	0.000	-0.000	100%	0.000	0.000
σ		0.040	0.005	0.007	0.036	0.010	0.003	1%	0.550	0.008
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	1	0.000	0.000
Run	Time	108Mo O ppb	108Cd ppb	109Ag ppb	111Cd ppb	118Sn ppb	121Sb ppb	135Ba ppb	137Ba ppb	159Tb ppb
1	14:00:29	0.270	-0.590	-0.006	-0.025	0.010	0.001	-0.010	-0.006	98%
2	14:01:37	-0.078	0.090	0.006	0.012	0.008	-0.003	-0.047	-0.024	101%
3	14:02:46	-0.192	0.500	-0.000	0.013	-0.018	0.002	0.057	0.030	101%
X		-0.000	-0.000	-0.000	-0.000	0.000	-0.000	0.000	-0.000	100%
σ		0.241	0.550	0.006	0.022	0.016	0.002	0.053	0.027	1%
%RSD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1
Run	Time	165Ho ppb	203Tl ppb	205Tl ppb	206Pb ppb	207Pb ppb	208Pb ppb	209Bi ppb	238U ppb	
1	14:00:29	99%	-0.005	0.002	0.001	0.001	-0.001	100%	-0.004	
2	14:01:37	101%	-0.008	-0.001	-0.010	-0.004	-0.006	100%	-0.003	
3	14:02:46	100%	0.012	-0.001	0.009	0.003	0.007	100%	0.007	
X		100%	-0.000	0.000	-0.000	-0.000	-0.000	100%	-0.000	
σ		1%	0.011	0.002	0.010	0.004	0.007	0%	0.006	
%RSD		1	0.000	0.000	0.000	0.000	0.000	0	0.000	

S1 (S) 04/29/2011 02:07:13 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb								
1	14:08:21	99%	1.034	3.848	0.000	511.100	534.000	530.800	540.600	22.900
2	14:09:30	103%	1.009	4.945	0.000	488.000	521.000	525.200	531.000	22.820
3	14:10:38	104%	1.078	6.397	0.000	488.700	518.100	516.900	531.000	22.290
X		102%	1.040	5.063	0.000	495.900	524.400	524.300	534.200	22.670
σ		3%	0.035	1.279	0.000	13.150	8.464	6.995	5.548	0.330
%RSD		3	3.367	25.250	0.000	2.652	1.614	1.334	1.039	1.457
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb								
1	14:08:21	5.547	0.221	0.000	0.000	504.800	515.300	512.500	101%	4.846
2	14:09:30	6.105	0.887	0.000	0.000	499.000	488.200	503.600	102%	4.479
3	14:10:38	7.317	-3.465	0.000	0.000	487.800	486.900	504.400	103%	4.720
X		6.323	-0.786	0.000	0.000	497.200	496.800	506.800	102%	4.682
σ		0.904	2.344	0.000	0.000	8.628	15.990	4.912	1%	0.186
%RSD		14.310	298.300	0.000	0.000	1.735	3.218	0.969	1	3.979
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb								
1	14:08:21	4.874	2.058	0.171	205.400	1.146	207.700	207.400	0.997	1.238
2	14:09:30	4.728	2.263	0.433	201.300	1.124	204.000	200.900	0.948	1.039
3	14:10:38	4.951	2.182	-0.057	201.000	1.150	205.500	196.100	1.058	1.101
X		4.851	2.168	0.182	202.500	1.140	205.800	201.500	1.001	1.126
σ		0.113	0.103	0.245	2.453	0.014	1.832	5.664	0.055	0.102
%RSD		2.335	4.764	134.500	1.211	1.232	0.890	2.811	5.508	9.041
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb								
1	14:08:21	2.214	2.228	2.374	1.312	4.960	-0.062	5.421	4.941	-1.321
2	14:09:30	2.108	2.189	2.692	1.324	4.916	-0.062	4.726	4.900	-2.218
3	14:10:38	2.356	2.096	2.618	0.941	5.270	0.026	4.879	5.255	2.389
X		2.226	2.171	2.561	1.193	5.048	-0.033	5.009	5.032	-0.383
σ		0.124	0.068	0.166	0.218	0.193	0.051	0.365	0.194	2.442
%RSD		5.586	3.124	6.495	18.240	3.826	156.100	7.296	3.858	637.300
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb								
1	14:08:21	4.669	4.729	4.844	4.469	4.730	-0.006	100%	0.535	1.126
2	14:09:30	4.533	4.505	4.827	4.778	4.854	-0.003	100%	0.978	0.975
3	14:10:38	5.028	4.769	4.778	4.401	4.864	0.003	101%	1.357	0.997
X		4.743	4.668	4.816	4.549	4.816	-0.002	100%	0.956	1.033
σ		0.255	0.142	0.035	0.201	0.074	0.005	1%	0.411	0.081
%RSD		5.383	3.050	0.719	4.409	1.546	222.500	1	43.020	7.891
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb								
1	14:08:21	0.509	0.535	1.021	0.929	5.097	1.962	9.972	10.050	100%
2	14:09:30	0.134	0.981	1.113	1.028	5.031	1.814	10.090	9.858	100%
3	14:10:38	-0.064	1.362	1.032	1.120	5.234	1.861	9.906	9.851	100%
X		0.193	0.960	1.055	1.026	5.121	1.879	9.989	9.921	100%
σ		0.291	0.414	0.050	0.095	0.103	0.076	0.093	0.116	0%
%RSD		151.200	43.120	4.782	9.302	2.015	4.044	0.929	1.168	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb								
1	14:08:21	100%	1.008	1.020	1.015	0.975	0.992	100%	0.013	
2	14:09:30	100%	1.012	1.007	0.998	1.016	0.984	101%	0.009	
3	14:10:38	100%	1.004	1.016	1.052	0.972	1.018	100%	0.026	
X		100%	1.008	1.014	1.022	0.988	0.998	100%	0.016	
σ		0%	0.004	0.006	0.028	0.025	0.018	0%	0.009	
%RSD		0	0.390	0.625	2.708	2.524	1.792	0	52.990	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:16:14	101%	125.000	127.500	0.000	12630.000	12780.000	12970.000	13010.000	2678.000
2	14:17:22	102%	123.100	120.500	0.000	12480.000	12610.000	12700.000	12980.000	2610.000
3	14:18:30	101%	121.600	113.800	0.000	12510.000	12740.000	12680.000	12890.000	2617.000
X		101%	123.200	120.600	0.000	12540.000	12710.000	12780.000	12960.000	2635.000
σ		1%	1.715	6.846	0.000	81.320	88.270	163.600	61.300	37.300
%RSD		1	1.391	5.676	0.000	0.649	0.694	1.280	0.473	1.415
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:16:14	129.800	2538.000	0.000	0.000	6316.000	12100.000	12520.000	101%	125.000
2	14:17:22	124.600	2507.000	0.000	0.000	6265.000	12050.000	12480.000	101%	124.100
3	14:18:30	133.100	2492.000	0.000	0.000	6293.000	11980.000	12300.000	101%	128.400
X		129.200	2512.000	0.000	0.000	6291.000	12050.000	12430.000	101%	125.900
σ		4.310	23.460	0.000	0.000	25.540	61.630	116.000	0%	2.279
%RSD		3.337	0.934	0.000	0.000	0.406	0.512	0.933	0	1.810
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:16:14	126.300	125.200	-0.485	6473.000	252.200	6330.000	6387.000	124.700	125.700
2	14:17:22	124.000	124.700	-0.340	6429.000	251.500	6288.000	6357.000	124.200	126.800
3	14:18:30	124.200	124.600	-1.127	6390.000	250.600	6287.000	6282.000	124.500	125.300
X		124.800	124.800	-0.650	6431.000	251.500	6302.000	6342.000	124.500	125.900
σ		1.265	0.302	0.419	41.520	0.787	24.870	53.770	0.236	0.758
%RSD		1.014	0.242	0.640	0.646	0.313	0.395	0.848	0.190	0.602
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:16:14	254.700	252.900	251.600	122.600	125.600	-0.247	127.000	125.200	2.371
2	14:17:22	255.300	252.200	251.800	122.000	124.500	-0.303	123.000	124.100	0.105
3	14:18:30	258.300	253.400	251.600	123.200	125.700	-0.315	120.500	125.300	2.406
X		256.100	252.900	251.700	122.600	125.300	-0.288	123.500	124.900	1.627
σ		1.935	0.608	0.124	0.614	0.665	0.036	3.276	0.681	1.318
%RSD		0.755	0.240	0.049	0.500	0.531	12.600	2.652	0.545	81.020
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:16:14	121.400	121.100	120.800	123.800	120.200	0.000	99%	128.200	124.700
2	14:17:22	120.600	119.600	123.800	121.700	120.800	-0.006	99%	122.300	125.500
3	14:18:30	123.300	120.200	121.900	121.400	120.300	0.000	99%	125.500	125.700
X		121.800	120.300	122.200	122.300	120.400	-0.002	99%	125.300	125.300
σ		1.369	0.729	1.526	1.276	0.305	0.004	0%	2.985	0.546
%RSD		1.125	0.606	1.249	1.043	0.253	179.300	0	2.381	0.436
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:16:14	1.471	128.400	126.600	126.200	123.300	121.700	620.300	627.600	99%
2	14:17:22	3.676	122.400	126.200	123.600	123.800	121.700	620.300	616.900	101%
3	14:18:30	3.401	125.700	125.700	125.200	122.200	120.800	621.300	618.800	100%
X		2.849	125.500	126.200	125.000	123.100	121.400	620.600	621.100	100%
σ		1.202	3.020	0.470	1.334	0.788	0.549	0.614	5.675	1%
%RSD		42.180	2.407	0.373	1.067	0.640	0.452	0.099	0.914	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	14:16:14	98%	124.600	125.600	126.600	126.000	125.900	97%	124.300	
2	14:17:22	101%	123.500	122.400	123.500	122.100	122.400	99%	121.100	
3	14:18:30	100%	122.400	123.000	123.500	123.700	123.400	99%	121.200	
X		100%	123.500	123.700	124.600	123.900	123.900	98%	122.200	
σ		1%	1.085	1.686	1.799	1.980	1.841	1%	1.819	
%RSD		1	0.878	1.363	1.444	1.598	1.486	1	1.489	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:24:06	97%	249.900	237.500	0.000	25520.000	25740.000	25680.000	26240.000	5103.000
2	14:25:15	99%	245.800	243.600	0.000	25060.000	25090.000	25200.000	25820.000	5007.000
3	14:26:22	97%	252.600	248.600	0.000	25490.000	25620.000	25670.000	26170.000	5062.000
X		97%	249.400	243.200	0.000	25360.000	25480.000	25520.000	26070.000	5057.000
σ		1%	3.404	5.577	0.000	254.400	344.800	275.000	225.300	48.390
%RSD		1	1.365	2.293	0.000	1.003	1.353	1.078	0.864	0.957
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:24:06	260.900	5128.000	0.000	0.000	12780.000	25870.000	24940.000	100%	245.300
2	14:25:15	263.000	4984.000	0.000	0.000	12790.000	25470.000	24730.000	99%	247.100
3	14:26:22	262.400	5014.000	0.000	0.000	12750.000	25590.000	24910.000	98%	253.400
X		262.100	5042.000	0.000	0.000	12770.000	25640.000	24860.000	99%	248.600
σ		1.120	76.090	0.000	0.000	21.580	204.200	113.700	1%	4.275
%RSD		0.427	1.509	0.000	0.000	0.169	0.796	0.457	1	1.720
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:24:06	248.800	248.200	1.976	12940.000	507.900	12760.000	12630.000	247.600	250.500
2	14:25:15	249.500	250.100	0.752	12930.000	505.000	12640.000	12640.000	251.400	251.600
3	14:26:22	255.100	253.400	-1.891	13200.000	513.200	12750.000	12670.000	249.900	252.000
X		251.100	250.600	0.279	13020.000	508.700	12720.000	12650.000	249.600	251.400
σ		3.433	2.597	1.977	155.300	4.182	69.650	22.090	1.930	0.751
%RSD		1.367	1.037	708.100	1.192	0.822	0.548	0.175	0.773	0.299
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:24:06	502.000	505.100	500.600	249.800	248.500	-1.127	249.000	247.800	-0.008
2	14:25:15	505.200	508.900	507.400	249.300	254.100	-0.659	247.100	253.500	4.748
3	14:26:22	510.900	505.400	511.200	247.600	248.900	-0.511	253.300	248.100	2.454
X		506.000	506.500	506.400	248.900	250.500	-0.766	249.800	249.800	2.398
σ		4.500	2.112	5.362	1.157	3.120	0.321	3.161	3.220	2.378
%RSD		0.889	0.417	1.059	0.465	1.245	41.940	1.265	1.289	99.180
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:24:06	244.400	244.400	245.700	245.500	245.200	0.003	98%	242.000	253.300
2	14:25:15	245.500	246.000	247.700	249.300	245.600	0.007	96%	261.900	254.900
3	14:26:22	249.500	247.600	249.700	249.500	246.100	0.007	96%	258.000	256.400
X		246.500	246.000	247.700	248.100	245.600	0.006	96%	254.000	254.900
σ		2.693	1.640	1.986	2.244	0.472	0.002	1%	10.530	1.528
%RSD		1.093	0.666	0.802	0.904	0.192	35.030	1	4.147	0.599
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:24:06	10.480	242.300	249.700	248.200	247.200	247.300	1250.000	1245.000	99%
2	14:25:15	2.154	262.000	254.600	254.000	250.000	251.100	1261.000	1261.000	99%
3	14:26:22	3.056	258.100	253.700	253.800	249.400	250.400	1258.000	1255.000	99%
X		5.229	254.100	252.700	252.000	248.900	249.600	1256.000	1254.000	99%
σ		4.567	10.450	2.579	3.277	1.474	1.996	5.940	8.020	0%
%RSD		87.340	4.111	1.021	1.300	0.592	0.799	0.473	0.640	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	14:24:06	100%	249.700	250.500	251.400	253.600	252.500	96%	251.800	
2	14:25:15	99%	249.400	247.600	247.100	249.600	249.300	97%	249.400	
3	14:26:22	100%	247.200	249.300	251.100	251.000	251.700	98%	247.100	
X		100%	248.700	249.100	249.800	251.400	251.200	97%	249.400	
σ		0%	1.346	1.439	2.396	2.051	1.658	1%	2.335	
%RSD		0	0.541	0.578	0.959	0.816	0.660	1	0.936	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:59	95%	491.800	484.300	0.000	50240.000	50120.000	49940.000	50130.000	9982.000
2	14:33:07	95%	489.300	493.800	0.000	49730.000	49810.000	49930.000	50190.000	10020.000
3	14:34:16	94%	492.500	483.800	0.000	50120.000	50580.000	50170.000	49630.000	9976.000
X		95%	491.200	487.300	0.000	50030.000	50170.000	50010.000	49980.000	9993.000
σ		1%	1.651	5.641	0.000	265.400	387.400	136.100	305.100	25.380
%RSD		1	0.336	1.158	0.000	0.530	0.772	0.272	0.610	0.254
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:59	494.800	9927.000	0.000	0.000	25140.000	49410.000	49240.000	96%	488.700
2	14:33:07	506.000	9928.000	0.000	0.000	24910.000	50150.000	49270.000	95%	498.000
3	14:34:16	500.300	9943.000	0.000	0.000	25180.000	50340.000	48970.000	95%	504.300
X		500.400	9933.000	0.000	0.000	25070.000	49960.000	49160.000	95%	497.000
σ		5.624	9.057	0.000	0.000	147.800	491.100	165.700	1%	7.843
%RSD		1.124	0.091	0.000	0.000	0.589	0.983	0.337	1	1.578
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:59	495.200	492.200	0.308	25470.000	999.500	24990.000	25050.000	492.400	499.200
2	14:33:07	492.200	496.800	1.513	25690.000	1007.000	25120.000	25180.000	502.900	498.400
3	14:34:16	493.400	498.600	3.958	25970.000	1003.000	25050.000	25330.000	502.400	501.100
X		493.600	495.800	1.926	25710.000	1003.000	25050.000	25190.000	499.300	499.600
σ		1.474	3.330	1.860	249.400	3.704	60.740	137.700	5.954	1.345
%RSD		0.299	0.671	96.550	0.970	0.369	0.242	0.547	1.193	0.269
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:59	994.000	1006.000	1001.000	485.500	488.100	-0.896	493.000	487.000	2.474
2	14:33:07	1001.000	1005.000	998.400	493.600	495.000	-1.178	499.500	494.300	1.800
3	14:34:16	1002.000	1002.000	1001.000	496.200	501.200	-1.545	502.900	500.400	2.445
X		999.100	1004.000	1000.000	491.800	494.800	-1.206	498.500	493.900	2.240
σ		4.387	2.071	1.521	5.570	6.549	0.325	5.037	6.682	0.381
%RSD		0.439	0.206	0.152	1.133	1.324	26.960	1.010	1.353	17.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:59	492.200	489.800	487.300	492.300	486.000	0.007	93%	492.800	491.800
2	14:33:07	498.500	497.600	504.200	502.900	493.700	0.004	91%	504.900	502.900
3	14:34:16	495.600	495.500	493.700	493.000	489.300	0.004	91%	507.600	502.100
X		495.400	494.300	495.100	496.100	489.700	0.005	92%	501.800	498.900
σ		3.137	4.069	8.506	5.976	3.893	0.002	1%	7.916	6.172
%RSD		0.633	0.823	1.718	1.205	0.795	35.820	1	1.578	1.237
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:31:59	13.300	493.000	495.800	494.300	491.000	492.300	2496.000	2472.000	96%
2	14:33:07	6.303	504.800	501.900	503.600	500.400	498.400	2510.000	2506.000	96%
3	14:34:16	8.308	507.700	500.400	502.200	500.100	502.700	2489.000	2483.000	95%
X		9.303	501.900	499.400	500.000	497.200	497.800	2498.000	2487.000	95%
σ		3.602	7.800	3.186	5.023	5.323	5.231	10.930	17.480	1%
%RSD		38.720	1.554	0.638	1.004	1.071	1.051	0.437	0.703	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	14:31:59	97%	490.300	492.500	493.100	491.100	492.900	94%	491.900	
2	14:33:07	95%	493.600	498.300	499.000	491.400	494.400	93%	493.800	
3	14:34:16	95%	502.300	500.100	500.700	500.800	501.200	91%	497.300	
X		96%	495.400	496.900	497.600	494.400	496.100	93%	494.300	
σ		1%	6.216	3.976	3.978	5.511	4.429	2%	2.745	
%RSD		1	1.255	0.800	0.799	1.115	0.893	2	0.555	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:52	92%	991.400	984.900	0.000	100000.000	98970.000	99550.000	99660.000	19910.000
2	14:41:00	90%	1015.000	1036.000	0.000	100300.000	101200.000	100900.000	99850.000	20080.000
3	14:42:08	91%	1008.000	1005.000	0.000	99420.000	99160.000	99090.000	99540.000	19920.000
X		91%	1005.000	1009.000	0.000	99890.000	99770.000	99830.000	99680.000	19970.000
σ		1%	12.100	25.670	0.000	428.300	1218.000	912.700	158.100	95.630
%RSD		1	1.204	2.545	0.000	0.429	1.221	0.914	0.159	0.479
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:52	1000.000	20070.000	0.000	0.000	50200.000	100800.000	100400.000	91%	1015.000
2	14:41:00	995.900	20070.000	0.000	0.000	49710.000	100100.000	100900.000	91%	1003.000
3	14:42:08	992.800	19930.000	0.000	0.000	49760.000	98790.000	100100.000	92%	987.900
X		996.300	20020.000	0.000	0.000	49890.000	99910.000	100500.000	92%	1002.000
σ		3.624	80.510	0.000	0.000	271.500	1037.000	375.200	1%	13.470
%RSD		0.364	0.402	0.000	0.000	0.544	1.038	0.374	1	1.345
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:52	1009.000	1009.000	-4.430	49800.000	2003.000	50280.000	50060.000	997.700	997.500
2	14:41:00	1007.000	1008.000	-2.607	49410.000	1969.000	49920.000	49950.000	1006.000	1012.000
3	14:42:08	992.900	988.700	5.581	49270.000	2016.000	49540.000	49570.000	997.900	989.500
X		1003.000	1002.000	-0.486	49490.000	1996.000	49910.000	49860.000	1001.000	999.800
σ		8.725	11.520	5.332	274.300	24.150	373.400	259.800	4.760	11.530
%RSD		0.870	1.150	1098.000	0.554	1.210	0.748	0.521	0.476	1.153
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:52	2006.000	1988.000	2015.000	1003.000	1002.000	-2.575	999.500	1003.000	3.118
2	14:41:00	1994.000	2007.000	2005.000	1014.000	1006.000	-3.366	999.600	1006.000	9.087
3	14:42:08	1995.000	1993.000	1974.000	996.400	999.300	-2.093	1004.000	1001.000	3.071
X		1998.000	1996.000	1998.000	1005.000	1002.000	-2.678	1001.000	1003.000	5.092
σ		6.384	10.220	21.090	9.120	3.245	0.643	2.497	2.516	3.460
%RSD		0.320	0.512	1.056	0.908	0.324	24.000	0.250	0.251	67.940
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:52	993.000	998.800	1006.000	996.100	1003.000	-0.003	86%	1009.000	999.000
2	14:41:00	1007.000	1006.000	1001.000	1004.000	1008.000	0.008	86%	992.100	997.300
3	14:42:08	1011.000	1009.000	1003.000	1009.000	1009.000	0.001	86%	993.400	1002.000
X		1004.000	1004.000	1003.000	1003.000	1007.000	0.002	86%	998.100	999.300
σ		9.419	5.218	2.128	6.277	3.529	0.006	0%	9.239	2.129
%RSD		0.939	0.519	0.212	0.626	0.350	252.500	0	0.926	0.213
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:39:52	26.280	1009.000	1007.000	1008.000	1004.000	1006.000	5007.000	5039.000	89%
2	14:41:00	24.570	992.200	996.500	985.300	1003.000	1002.000	5023.000	5029.000	90%
3	14:42:08	30.230	992.900	995.200	1005.000	998.800	997.400	4970.000	4950.000	91%
X		27.030	998.000	999.500	999.500	1002.000	1002.000	5000.000	5006.000	90%
σ		2.905	9.388	6.319	12.300	2.778	4.062	27.040	49.040	1%
%RSD		10.750	0.941	0.632	1.231	0.277	0.406	0.541	0.980	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	14:39:52	90%	995.600	1003.000	997.000	995.800	996.400	84%	1009.000	
2	14:41:00	90%	1002.000	997.200	1007.000	1008.000	1005.000	84%	997.700	
3	14:42:08	89%	1011.000	1006.000	1000.000	1004.000	1004.000	84%	1003.000	
X		90%	1003.000	1002.000	1001.000	1003.000	1002.000	84%	1003.000	
σ		1%	7.660	4.362	5.038	6.285	4.708	0%	5.668	
%RSD		1	0.764	0.435	0.503	0.627	0.470	0	0.565	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:46	95%	94.660	481.000	0.000	2079.000	1306.000	1338.000	1327.000	544.200
2	14:48:54	95%	91.680	466.900	0.000	2043.000	1281.000	1283.000	1320.000	536.900
3	14:50:02	93%	94.380	488.500	0.000	2039.000	1258.000	1269.000	1292.000	538.800
X		94%	93.570	478.800	0.000	2054.000	1282.000	1297.000	1313.000	540.000
σ		1%	1.646	10.960	0.000	21.980	24.070	36.800	18.460	3.783
%RSD		1	1.759	2.290	0.000	1.070	1.878	2.838	1.406	0.701
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:46	473.400	25.120	0.000	0.000	1991.000	2013.000	2031.000	95%	447.700
2	14:48:54	473.900	15.810	0.000	0.000	1969.000	2021.000	1997.000	94%	452.400
3	14:50:02	477.300	6.911	0.000	0.000	1963.000	1984.000	2003.000	95%	445.300
X		474.900	15.950	0.000	0.000	1974.000	2006.000	2010.000	95%	448.500
σ		2.120	9.107	0.000	0.000	14.680	19.030	17.810	1%	3.613
%RSD		0.447	57.100	0.000	0.000	0.744	0.949	0.886	1	0.805
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:46	95.270	94.780	-0.855	1037.000	98.370	1022.000	1037.000	97.600	97.450
2	14:48:54	96.240	95.440	-0.401	1010.000	97.920	1018.000	1032.000	98.530	98.780
3	14:50:02	96.170	94.830	-0.337	1014.000	99.020	1001.000	1015.000	97.780	97.550
X		95.890	95.020	-0.531	1021.000	98.440	1013.000	1028.000	97.970	97.930
σ		0.543	0.366	0.282	14.750	0.555	10.980	11.610	0.493	0.739
%RSD		0.566	0.385	53.130	1.445	0.564	1.083	1.129	0.504	0.754
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:46	100.900	100.700	199.200	191.800	189.400	-0.750	193.100	189.000	2.926
2	14:48:54	100.800	100.800	194.900	193.800	191.500	-1.025	188.300	190.700	-1.011
3	14:50:02	100.000	101.300	197.500	190.500	191.700	-0.735	192.600	190.700	1.220
X		100.600	100.900	197.200	192.000	190.900	-0.837	191.300	190.100	1.045
σ		0.492	0.324	2.179	1.684	1.253	0.164	2.654	0.964	1.974
%RSD		0.489	0.321	1.105	0.877	0.657	19.550	1.387	0.507	188.900
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:46	448.800	452.000	452.300	454.900	449.800	0.004	92%	101.800	99.610
2	14:48:54	453.600	450.900	456.300	454.200	450.200	-0.003	94%	94.810	97.430
3	14:50:02	452.200	450.900	452.200	451.600	447.500	0.007	95%	94.930	98.780
X		451.500	451.300	453.600	453.600	449.200	0.003	94%	97.170	98.610
σ		2.437	0.659	2.322	1.766	1.466	0.005	1%	3.983	1.100
%RSD		0.540	0.146	0.512	0.389	0.326	191.700	2	4.099	1.116
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:47:46	3.338	101.900	100.400	98.370	464.100	189.600	105.000	103.200	93%
2	14:48:54	6.952	94.910	99.440	99.010	459.900	189.400	98.710	99.670	95%
3	14:50:02	6.141	95.030	97.800	98.480	461.500	189.200	96.150	97.970	96%
X		5.477	97.270	99.210	98.620	461.900	189.400	99.960	100.300	95%
σ		1.896	3.987	1.308	0.342	2.093	0.184	4.571	2.687	1%
%RSD		34.620	4.098	1.319	0.347	0.453	0.097	4.573	2.679	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	14:47:46	94%	197.700	196.500	202.100	187.100	194.900	93%	1.083	
2	14:48:54	95%	196.000	195.900	199.000	186.500	193.200	95%	0.744	
3	14:50:02	96%	195.700	195.300	198.600	188.400	194.700	96%	0.483	
X		95%	196.500	195.900	199.900	187.300	194.300	94%	0.770	
σ		1%	1.094	0.601	1.919	0.985	0.938	1%	0.301	
%RSD		1	0.557	0.307	0.960	0.526	0.483	2	39.090	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:40	96%	0.247	8.733	0.000	35.260	20.470	21.190	21.170	3.855
2	14:56:48	96%	0.127	5.253	0.000	25.690	15.770	15.500	17.780	2.918
3	14:57:56	97%	0.125	7.044	0.000	16.870	10.130	9.927	10.780	1.878
X		96%	0.167	7.010	0.000	25.940	15.450	15.540	16.570	2.883
σ		1%	0.070	1.740	0.000	9.197	5.174	5.631	5.296	0.989
%RSD		1	41.940	24.820	0.000	35.460	33.480	36.230	31.950	34.300
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:40	0.296	2.461	0.000	0.000	5.235	17.910	19.680	100%	0.443
2	14:56:48	0.785	-4.499	0.000	0.000	2.440	19.630	12.410	99%	0.595
3	14:57:56	-0.955	-4.798	0.000	0.000	-2.902	10.470	7.669	100%	0.445
X		0.042	-2.278	0.000	0.000	1.591	16.000	13.250	100%	0.494
σ		0.897	4.107	0.000	0.000	4.134	4.867	6.051	0%	0.087
%RSD		2124.000	180.300	0.000	0.000	259.900	30.410	45.660	0	17.650
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:40	0.338	0.146	-0.360	7.276	0.425	6.304	8.205	0.321	0.276
2	14:56:48	0.313	0.190	-0.274	8.350	0.349	5.912	9.141	0.208	0.175
3	14:57:56	0.217	0.100	-0.262	4.411	0.230	3.495	1.946	0.145	0.064
X		0.289	0.145	-0.299	6.679	0.335	5.237	6.431	0.225	0.172
σ		0.064	0.045	0.054	2.036	0.098	1.522	3.912	0.089	0.106
%RSD		22.050	31.060	17.990	30.490	29.350	29.050	60.830	39.740	61.760
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:40	0.426	0.476	0.491	0.435	0.354	-0.014	1.166	0.353	0.246
2	14:56:48	0.400	0.364	0.417	0.286	-0.192	-0.003	0.287	-0.191	2.812
3	14:57:56	0.192	0.186	0.249	0.177	-0.010	-0.011	0.494	-0.010	-0.072
X		0.339	0.342	0.386	0.299	0.051	-0.010	0.649	0.051	0.995
σ		0.128	0.146	0.124	0.129	0.278	0.006	0.460	0.277	1.581
%RSD		37.840	42.830	32.200	43.230	547.500	58.630	70.860	544.300	158.900
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:40	0.572	0.708	0.560	0.579	0.656	0.003	98%	0.023	0.300
2	14:56:48	0.466	0.548	0.390	0.564	0.518	-0.003	98%	0.294	0.203
3	14:57:56	0.367	0.300	0.304	0.394	0.326	-0.006	98%	-0.355	0.173
X		0.468	0.519	0.418	0.512	0.500	-0.002	98%	-0.013	0.226
σ		0.102	0.206	0.131	0.102	0.166	0.005	0%	0.326	0.066
%RSD		21.890	39.610	31.250	20.000	33.110	244.600	0	2601.000	29.440
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	14:55:40	0.105	0.020	0.375	0.198	0.737	0.693	1.219	1.079	100%
2	14:56:48	0.013	0.293	0.237	0.214	0.612	0.557	0.706	0.702	98%
3	14:57:56	0.200	-0.358	0.121	0.152	0.557	0.348	0.470	0.575	100%
X		0.106	-0.015	0.244	0.188	0.635	0.532	0.798	0.785	99%
σ		0.093	0.327	0.127	0.033	0.092	0.174	0.383	0.262	1%
%RSD		88.020	2218.000	51.850	17.280	14.550	32.640	47.970	33.340	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	14:55:40	99%	0.525	0.503	0.392	0.371	0.386	98%	0.184	
2	14:56:48	99%	0.287	0.276	0.285	0.265	0.280	98%	0.143	
3	14:57:56	99%	0.176	0.177	0.206	0.165	0.189	98%	0.104	
X		99%	0.329	0.319	0.294	0.267	0.285	98%	0.144	
σ		0%	0.178	0.167	0.094	0.103	0.099	0%	0.040	
%RSD		0	54.130	52.570	31.810	38.540	34.570	0	27.790	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:18	89%	0.371	-0.253	0.000	99740.000	100000.000	99220.000	97070.000	95710.000
2	15:28:26	89%	0.283	1.776	0.000	99700.000	99010.000	98930.000	99960.000	97040.000
3	15:29:34	89%	0.261	0.207	0.000	98920.000	100100.000	99640.000	99120.000	97400.000
X		89%	0.305	0.576	0.000	99450.000	99720.000	99260.000	98720.000	96720.000
σ		0%	0.058	1.064	0.000	462.400	621.600	358.500	1486.000	889.000
%RSD		0	19.050	184.600	0.000	0.465	0.623	0.361	1.505	0.919
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:18	34.090	95490.000	0.000	0.000	96530.000	97660.000	98130.000	92%	2042.000
2	15:28:26	39.550	96270.000	0.000	0.000	97320.000	98650.000	98330.000	92%	2029.000
3	15:29:34	47.800	96010.000	0.000	0.000	97390.000	98990.000	97820.000	93%	2057.000
X		40.480	95920.000	0.000	0.000	97080.000	98430.000	98090.000	92%	2043.000
σ		6.902	399.400	0.000	0.000	475.000	692.300	258.200	0%	13.700
%RSD		17.050	0.416	0.000	0.000	0.489	0.703	0.263	0	0.671
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:18	-0.812	19.550	48.650	95240.000	7.975	95860.000	94430.000	1.054	5.759
2	15:28:26	-0.064	19.320	50.050	95290.000	7.799	96210.000	95440.000	1.045	5.639
3	15:29:34	-1.437	19.370	52.990	94140.000	8.193	95520.000	94840.000	0.949	5.287
X		-0.771	19.410	50.560	94890.000	7.989	95860.000	94900.000	1.016	5.562
σ		0.687	0.121	2.214	650.200	0.198	346.700	506.400	0.059	0.245
%RSD		89.100	0.625	4.380	0.685	2.473	0.362	0.534	5.774	4.411
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:18	7.811	8.611	12.310	0.340	-0.711	0.218	0.242	-0.710	3.911
2	15:28:26	7.454	8.436	13.480	-0.202	-1.235	0.326	-0.413	-1.234	6.435
3	15:29:34	7.733	8.173	12.660	0.129	0.012	0.271	0.101	0.012	2.550
X		7.666	8.407	12.820	0.089	-0.645	0.271	-0.024	-0.644	4.299
σ		0.188	0.221	0.598	0.274	0.626	0.054	0.345	0.626	1.972
%RSD		2.448	2.627	4.664	307.500	97.070	19.880	1455.000	97.210	45.870
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:18	1980.000	1964.000	1978.000	1992.000	1995.000	0.005	87%	1.722	0.018
2	15:28:26	1970.000	1970.000	1987.000	1983.000	1994.000	0.005	87%	0.324	0.030
3	15:29:34	1937.000	1963.000	1977.000	1972.000	1951.000	0.008	88%	0.729	-0.009
X		1963.000	1965.000	1981.000	1982.000	1980.000	0.006	87%	0.925	0.013
σ		22.380	3.601	5.818	10.310	24.840	0.002	1%	0.720	0.020
%RSD		1.140	0.183	0.294	0.520	1.254	35.180	1	77.820	149.000
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:27:18	15.530	1.702	0.035	0.999	0.167	1.128	1.302	1.374	96%
2	15:28:26	18.070	0.307	0.043	0.631	0.192	1.169	1.469	1.455	95%
3	15:29:34	15.990	0.712	0.017	0.711	0.205	1.019	1.246	1.338	96%
X		16.530	0.907	0.032	0.780	0.188	1.105	1.339	1.389	96%
σ		1.352	0.718	0.013	0.194	0.019	0.077	0.116	0.060	0%
%RSD		8.180	79.120	41.710	24.830	10.210	7.005	8.667	4.314	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	15:27:18	95%	0.047	0.044	4.906	4.162	4.494	89%	0.001	
2	15:28:26	97%	0.030	0.034	4.945	4.112	4.469	90%	0.001	
3	15:29:34	96%	0.003	0.008	4.863	4.150	4.475	92%	-0.003	
X		96%	0.026	0.029	4.905	4.141	4.479	91%	-0.000	
σ		1%	0.022	0.019	0.041	0.026	0.013	1%	0.002	
%RSD		1	83.610	65.940	0.843	0.637	0.292	1	581.200	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:12	85%	20.420	1.153	0.000	102700.000	102600.000	101600.000	102100.000	98780.000
2	15:36:20	85%	20.090	-0.306	0.000	102700.000	102900.000	102400.000	102100.000	99070.000
3	15:37:28	86%	20.270	1.150	0.000	101300.000	102100.000	101900.000	100800.000	97720.000
X		85%	20.260	0.665	0.000	102200.000	102500.000	102000.000	101700.000	98530.000
σ		0%	0.169	0.842	0.000	804.900	388.200	371.600	751.500	710.800
%RSD		0	0.832	126.400	0.000	0.787	0.379	0.364	0.739	0.722
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:12	31.570	97360.000	0.000	0.000	99520.000	100600.000	101900.000	93%	2022.000
2	15:36:20	37.900	96900.000	0.000	0.000	99110.000	100600.000	100200.000	92%	2075.000
3	15:37:28	46.310	96360.000	0.000	0.000	98820.000	100800.000	102100.000	92%	2055.000
X		38.590	96870.000	0.000	0.000	99150.000	100700.000	101400.000	92%	2050.000
σ		7.394	501.700	0.000	0.000	350.100	83.120	1052.000	1%	26.850
%RSD		19.160	0.518	0.000	0.000	0.353	0.083	1.037	1	1.310
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:12	19.510	39.210	47.890	95880.000	29.640	97570.000	96100.000	20.240	24.890
2	15:36:20	19.130	39.450	52.780	97480.000	29.500	97920.000	96140.000	20.750	25.550
3	15:37:28	18.110	38.910	55.130	96530.000	30.230	97140.000	95990.000	20.530	24.720
X		18.920	39.190	51.930	96630.000	29.790	97540.000	96070.000	20.500	25.060
σ		0.726	0.266	3.693	801.100	0.386	389.000	77.390	0.254	0.437
%RSD		3.834	0.680	7.111	0.829	1.294	0.399	0.081	1.238	1.746
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:12	27.490	28.490	33.510	19.180	20.410	0.161	19.500	20.420	9.759
2	15:36:20	27.030	28.300	32.490	20.320	19.710	0.204	21.510	19.690	6.008
3	15:37:28	26.560	27.690	31.640	19.450	18.830	0.217	18.870	18.820	6.049
X		27.020	28.160	32.550	19.650	19.650	0.194	19.960	19.650	7.272
σ		0.465	0.416	0.937	0.597	0.789	0.030	1.378	0.800	2.154
%RSD		1.722	1.478	2.878	3.037	4.014	15.280	6.906	4.072	29.620
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:12	1993.000	2011.000	2007.000	2030.000	2001.000	0.019	87%	22.470	19.770
2	15:36:20	1995.000	2003.000	1988.000	2011.000	2014.000	0.008	88%	24.380	19.790
3	15:37:28	1965.000	1982.000	1995.000	2000.000	1995.000	0.016	88%	21.230	19.300
X		1984.000	1998.000	1997.000	2013.000	2003.000	0.014	88%	22.690	19.620
σ		16.800	14.840	9.668	15.590	9.844	0.006	0%	1.590	0.274
%RSD		0.847	0.743	0.484	0.774	0.491	39.400	0	7.006	1.398
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:35:12	18.300	22.410	19.670	20.990	0.165	21.550	21.960	21.900	97%
2	15:36:20	14.390	24.320	20.010	21.830	0.184	21.560	21.820	21.080	97%
3	15:37:28	16.950	21.160	19.520	21.030	0.199	21.480	21.520	21.970	98%
X		16.550	22.630	19.730	21.280	0.183	21.530	21.770	21.650	97%
σ		1.988	1.589	0.252	0.475	0.017	0.042	0.223	0.496	1%
%RSD		12.010	7.024	1.276	2.231	9.328	0.196	1.024	2.289	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	15:35:12	97%	20.590	20.650	26.270	24.080	25.070	92%	0.000	
2	15:36:20	98%	20.690	20.840	26.710	24.110	25.140	93%	-0.001	
3	15:37:28	98%	20.590	20.670	26.430	23.540	24.840	93%	0.004	
X		98%	20.620	20.720	26.470	23.910	25.020	93%	0.001	
σ		0%	0.056	0.106	0.225	0.323	0.157	1%	0.003	
%RSD		0	0.270	0.511	0.849	1.353	0.628	1	211.400	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:43:07	84%	0.042	-0.755	0.000	11070.000	11100.000	11210.000	11100.000	10790.000
2	15:44:16	87%	-0.039	-1.154	0.000	10380.000	10460.000	10430.000	10560.000	10110.000
3	15:45:24	89%	-0.040	0.704	0.000	10340.000	10380.000	10300.000	10430.000	10110.000
X		86%	-0.012	-0.402	0.000	10600.000	10650.000	10650.000	10690.000	10330.000
σ		3%	0.047	0.978	0.000	413.600	397.800	493.200	352.500	392.200
%RSD		3	381.100	243.500	0.000	3.903	3.736	4.631	3.296	3.795
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:43:07	4.213	10400.000	0.000	0.000	10780.000	11880.000	10510.000	90%	218.200
2	15:44:16	1.084	9777.000	0.000	0.000	10300.000	10810.000	9980.000	92%	201.400
3	15:45:24	15.120	9852.000	0.000	0.000	10370.000	11100.000	9991.000	90%	207.700
X		6.805	10010.000	0.000	0.000	10480.000	11260.000	10160.000	91%	209.100
σ		7.367	342.700	0.000	0.000	256.700	554.000	303.600	1%	8.470
%RSD		108.300	3.423	0.000	0.000	2.448	4.919	2.988	1	4.051
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:43:07	-0.330	2.224	17.740	10480.000	0.910	10580.000	10460.000	0.145	0.504
2	15:44:16	-0.135	1.989	16.160	10040.000	0.848	10020.000	10000.000	0.126	0.537
3	15:45:24	0.068	2.065	15.340	10200.000	0.816	10150.000	10170.000	0.074	0.613
X		-0.133	2.093	16.410	10240.000	0.858	10250.000	10210.000	0.115	0.551
σ		0.199	0.120	1.216	223.100	0.048	294.100	232.100	0.037	0.056
%RSD		150.200	5.712	7.410	2.179	5.581	2.868	2.273	32.120	10.130
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:43:07	0.865	0.817	1.416	0.051	0.174	0.062	0.532	0.174	1.972
2	15:44:16	0.841	0.914	1.232	-0.049	-0.542	0.090	0.310	-0.540	0.164
3	15:45:24	0.742	0.864	1.292	-0.431	-0.746	0.152	0.136	-0.742	2.451
X		0.816	0.865	1.313	-0.143	-0.371	0.101	0.326	-0.369	1.529
σ		0.065	0.048	0.094	0.255	0.483	0.046	0.198	0.481	1.206
%RSD		8.004	5.591	7.157	177.800	130.200	45.410	60.820	130.300	78.900
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:43:07	201.700	203.000	204.100	207.000	203.000	0.004	89%	-0.926	0.011
2	15:44:16	193.400	193.000	194.300	194.900	195.100	-0.003	91%	0.181	-0.018
3	15:45:24	190.100	193.500	194.100	195.100	193.900	0.001	90%	0.069	-0.027
X		195.100	196.500	197.500	199.000	197.300	0.001	90%	-0.225	-0.011
σ		5.977	5.657	5.735	6.907	4.927	0.004	1%	0.609	0.020
%RSD		3.064	2.878	2.903	3.471	2.497	487.700	1	270.600	174.600
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:43:07	1.897	-0.936	0.017	0.071	-0.005	0.117	0.065	0.067	94%
2	15:44:16	1.298	0.172	-0.009	0.004	-0.022	0.073	0.089	0.043	95%
3	15:45:24	1.313	0.061	-0.003	0.048	-0.044	0.035	0.054	0.044	94%
X		1.503	-0.234	0.002	0.041	-0.024	0.075	0.069	0.051	95%
σ		0.342	0.610	0.013	0.034	0.020	0.041	0.018	0.013	1%
%RSD		22.730	260.400	808.800	83.760	83.060	54.770	26.370	26.290	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	15:43:07	94%	0.050	0.040	0.526	0.440	0.469	92%	-0.018	
2	15:44:16	95%	0.033	0.012	0.486	0.456	0.454	94%	-0.021	
3	15:45:24	95%	0.005	0.006	0.505	0.399	0.443	92%	-0.022	
X		95%	0.030	0.019	0.506	0.432	0.455	93%	-0.020	
σ		1%	0.023	0.018	0.020	0.030	0.013	1%	0.002	
%RSD		1	76.860	93.590	3.983	6.851	2.853	1	11.410	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:03	86%	2.176	-1.624	0.000	10490.000	10560.000	10460.000	10550.000	10240.000
2	15:52:11	88%	1.988	-0.072	0.000	10250.000	10430.000	10270.000	10490.000	10060.000
3	15:53:19	89%	1.776	-1.981	0.000	10380.000	10370.000	10230.000	10400.000	10040.000
X		88%	1.980	-1.226	0.000	10370.000	10450.000	10320.000	10480.000	10120.000
σ		1%	0.200	1.015	0.000	121.200	97.370	121.700	77.190	111.700
%RSD		2	10.090	82.790	0.000	1.169	0.931	1.179	0.737	1.104
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:03	24.760	9853.000	0.000	0.000	10280.000	12370.000	10050.000	90%	209.700
2	15:52:11	23.130	9825.000	0.000	0.000	10270.000	11470.000	10000.000	90%	209.200
3	15:53:19	12.690	9912.000	0.000	0.000	10270.000	11730.000	9990.000	90%	214.700
X		20.190	9863.000	0.000	0.000	10270.000	11850.000	10010.000	90%	211.200
σ		6.548	44.500	0.000	0.000	6.655	463.700	32.230	0%	3.073
%RSD		32.430	0.451	0.000	0.000	0.065	3.911	0.322	0	1.455
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:03	1.800	3.811	12.850	10140.000	2.924	10050.000	10160.000	2.170	2.794
2	15:52:11	2.152	4.017	12.610	10090.000	2.865	9919.000	10060.000	2.133	2.554
3	15:53:19	1.471	3.941	13.350	10170.000	2.922	10070.000	10050.000	2.088	2.559
X		1.808	3.923	12.940	10130.000	2.903	10010.000	10090.000	2.130	2.636
σ		0.341	0.104	0.381	39.510	0.034	83.720	61.080	0.041	0.137
%RSD		18.840	2.657	2.941	0.390	1.156	0.836	0.605	1.919	5.208
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:03	2.803	3.096	2.927	1.782	1.318	0.082	2.119	1.317	2.141
2	15:52:11	3.014	2.986	3.076	1.705	0.494	0.094	1.990	0.493	2.258
3	15:53:19	2.956	2.974	3.396	1.996	1.021	0.093	1.964	1.018	2.313
X		2.924	3.019	3.133	1.827	0.944	0.089	2.025	0.943	2.238
σ		0.109	0.067	0.240	0.151	0.417	0.007	0.083	0.417	0.088
%RSD		3.725	2.234	7.660	8.246	44.170	7.629	4.103	44.240	3.935
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:03	196.100	199.200	197.700	199.100	196.500	-0.003	87%	3.242	1.941
2	15:52:11	192.800	193.500	194.100	192.000	191.600	-0.006	89%	0.759	1.925
3	15:53:19	192.300	195.800	195.300	198.900	195.100	-0.003	88%	2.952	2.003
X		193.800	196.200	195.700	196.700	194.400	-0.004	88%	2.318	1.956
σ		2.076	2.878	1.828	4.027	2.508	0.002	1%	1.358	0.041
%RSD		1.071	1.467	0.934	2.048	1.290	53.140	1	58.590	2.105
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:51:03	1.554	3.233	1.972	2.054	-0.013	2.124	2.359	1.934	91%
2	15:52:11	2.431	0.751	1.998	2.162	0.000	2.044	1.851	2.021	93%
3	15:53:19	1.325	2.943	1.924	2.178	-0.037	2.125	1.838	1.942	93%
X		1.770	2.309	1.965	2.131	-0.017	2.098	2.016	1.966	92%
σ		0.584	1.357	0.037	0.067	0.019	0.047	0.297	0.048	1%
%RSD		32.960	58.760	1.904	3.157	113.500	2.217	14.760	2.456	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	15:51:03	90%	2.082	2.072	2.561	2.275	2.408	87%	-0.018	
2	15:52:11	92%	1.949	2.058	2.606	2.343	2.456	89%	-0.017	
3	15:53:19	93%	2.089	2.088	2.556	2.314	2.448	90%	-0.020	
X		92%	2.040	2.072	2.574	2.310	2.437	89%	-0.018	
σ		2%	0.079	0.015	0.027	0.034	0.026	1%	0.002	
%RSD		2	3.876	0.738	1.058	1.471	1.056	2	8.243	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:58:56	88%	488.400	479.800	0.000	51890.000	51770.000	51780.000	51340.000	10320.000
2	16:00:04	89%	483.300	465.500	0.000	51600.000	51530.000	50970.000	51020.000	10040.000
3	16:01:12	87%	500.000	491.400	0.000	51730.000	51900.000	51100.000	51260.000	10170.000
X		88%	490.500	478.900	0.000	51740.000	51730.000	51280.000	51210.000	10180.000
σ		1%	8.550	13.000	0.000	145.700	189.900	433.300	166.300	138.200
%RSD		1	1.743	2.714	0.000	0.282	0.367	0.845	0.325	1.358
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:58:56	537.400	10080.000	0.000	0.000	26030.000	51430.000	49580.000	92%	491.700
2	16:00:04	514.200	10070.000	0.000	0.000	25550.000	51640.000	49170.000	92%	496.600
3	16:01:12	505.900	10030.000	0.000	0.000	25300.000	50980.000	48770.000	93%	493.500
X		519.200	10060.000	0.000	0.000	25630.000	51350.000	49170.000	92%	494.000
σ		16.340	28.020	0.000	0.000	368.100	334.700	402.500	1%	2.502
%RSD		3.147	0.279	0.000	0.000	1.436	0.652	0.819	1	0.507
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:58:56	493.000	496.900	10.680	25920.000	1022.000	25760.000	25490.000	495.900	494.900
2	16:00:04	493.800	496.300	8.071	25700.000	1014.000	25460.000	25280.000	494.900	495.600
3	16:01:12	488.200	491.800	8.573	25670.000	998.800	25350.000	25160.000	491.800	490.200
X		491.700	495.000	9.109	25760.000	1011.000	25520.000	25310.000	494.200	493.500
σ		3.035	2.833	1.386	133.500	11.720	211.400	165.900	2.139	2.928
%RSD		0.617	0.572	15.220	0.518	1.159	0.828	0.655	0.433	0.593
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:58:56	992.200	994.800	1009.000	496.800	501.200	-1.769	500.900	500.000	3.095
2	16:00:04	986.200	991.700	997.500	502.300	502.600	-2.586	504.300	501.400	0.929
3	16:01:12	977.500	976.700	994.900	494.800	498.200	-1.732	496.500	498.000	3.128
X		985.300	987.700	1000.000	498.000	500.700	-2.029	500.600	499.800	2.384
σ		7.376	9.688	7.254	3.891	2.264	0.483	3.906	1.738	1.260
%RSD		0.749	0.981	0.725	0.781	0.452	23.800	0.780	0.348	52.850
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:58:56	495.100	494.000	499.400	492.300	500.500	0.001	89%	512.500	503.400
2	16:00:04	497.300	490.500	498.100	502.000	494.100	-0.003	89%	503.700	502.600
3	16:01:12	497.500	494.700	494.600	506.100	496.300	0.001	88%	515.600	506.600
X		496.600	493.100	497.400	500.100	496.900	-0.000	89%	510.600	504.200
σ		1.327	2.280	2.482	7.053	3.249	0.002	1%	6.178	2.150
%RSD		0.267	0.462	0.499	1.410	0.654	512.400	1	1.210	0.426
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	15:58:56	13.590	512.200	496.200	502.600	499.800	499.400	2467.000	2505.000	94%
2	16:00:04	18.310	503.400	501.500	504.600	501.100	505.500	2481.000	2480.000	94%
3	16:01:12	9.758	515.300	501.200	510.600	503.600	503.500	2499.000	2485.000	94%
X		13.890	510.300	499.600	505.900	501.500	502.800	2482.000	2490.000	94%
σ		4.282	6.157	2.968	4.197	1.957	3.112	15.910	13.330	0%
%RSD		30.840	1.206	0.594	0.830	0.390	0.619	0.641	0.535	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	15:58:56	94%	494.900	498.200	504.500	502.400	500.100	90%	507.800	
2	16:00:04	94%	493.000	496.600	496.200	498.700	497.300	91%	505.500	
3	16:01:12	95%	489.400	495.300	492.100	494.400	493.800	92%	503.100	
X		94%	492.400	496.700	497.600	498.500	497.100	91%	505.400	
σ		1%	2.803	1.462	6.305	4.003	3.147	1%	2.369	
%RSD		1	0.569	0.294	1.267	0.803	0.633	1	0.469	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:06:49	90%	0.118	6.198	0.000	22.070	18.610	17.440	19.460	6.837
2	16:07:57	92%	0.137	3.805	0.000	18.420	18.980	18.610	18.420	7.642
3	16:09:06	91%	0.043	2.921	0.000	10.770	9.848	9.618	9.659	4.184
X		91%	0.100	4.308	0.000	17.090	15.810	15.220	15.850	6.221
σ		1%	0.050	1.696	0.000	5.771	5.170	4.890	5.384	1.810
%RSD		1	49.940	39.360	0.000	33.770	32.690	32.120	33.970	29.090
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:06:49	0.187	9.608	0.000	0.000	33.820	9.997	17.700	94%	0.271
2	16:07:57	-1.279	8.896	0.000	0.000	28.330	19.530	17.350	94%	0.394
3	16:09:06	-1.250	5.465	0.000	0.000	23.620	3.737	7.978	92%	0.089
X		-0.781	7.990	0.000	0.000	28.590	11.090	14.340	93%	0.252
σ		0.838	2.215	0.000	0.000	5.102	7.955	5.515	1%	0.153
%RSD		107.400	27.720	0.000	0.000	17.850	71.740	38.450	1	60.940
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:06:49	-0.046	0.131	5.371	12.050	0.319	7.984	11.650	0.094	0.091
2	16:07:57	0.119	0.113	4.660	10.470	0.258	8.986	11.310	0.123	0.114
3	16:09:06	-0.124	0.063	5.009	4.953	0.129	5.003	5.427	0.093	0.037
X		-0.017	0.102	5.013	9.157	0.235	7.324	9.461	0.103	0.081
σ		0.124	0.035	0.355	3.725	0.097	2.072	3.498	0.017	0.039
%RSD		735.200	34.500	7.088	40.680	41.160	28.280	36.970	16.850	48.540
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:06:49	0.229	0.288	0.363	0.091	-0.577	0.033	0.320	-0.575	1.553
2	16:07:57	0.324	0.203	0.102	0.064	-0.151	0.027	0.157	-0.150	2.373
3	16:09:06	0.161	0.218	0.097	0.041	-0.383	0.025	-0.121	-0.381	1.510
X		0.238	0.236	0.188	0.065	-0.370	0.028	0.119	-0.369	1.812
σ		0.082	0.045	0.152	0.025	0.214	0.004	0.223	0.213	0.486
%RSD		34.340	19.200	80.910	38.660	57.650	14.680	187.900	57.700	26.850
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:06:49	0.443	0.408	0.407	0.375	0.435	-0.006	92%	0.797	0.229
2	16:07:57	0.438	0.342	0.349	0.287	0.282	-0.003	93%	-0.063	0.174
3	16:09:06	0.232	0.168	0.241	0.248	0.209	-0.006	93%	-0.081	0.084
X		0.371	0.306	0.332	0.303	0.309	-0.005	92%	0.218	0.162
σ		0.120	0.124	0.084	0.065	0.115	0.002	1%	0.502	0.073
%RSD		32.390	40.550	25.340	21.540	37.280	38.000	1	230.600	45.040
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:06:49	-0.280	0.790	0.179	0.111	0.363	0.461	0.718	0.731	95%
2	16:07:57	0.158	-0.068	0.169	0.156	0.259	0.393	0.698	0.568	95%
3	16:09:06	0.063	-0.085	0.069	0.072	0.223	0.189	0.345	0.280	95%
X		-0.020	0.212	0.139	0.113	0.282	0.347	0.587	0.526	95%
σ		0.230	0.500	0.061	0.042	0.073	0.142	0.210	0.228	0%
%RSD		1166.000	235.600	43.570	36.890	25.790	40.790	35.710	43.370	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	16:06:49	94%	0.210	0.222	0.140	0.159	0.145	94%	0.128	
2	16:07:57	94%	0.198	0.172	0.116	0.114	0.127	94%	0.124	
3	16:09:06	94%	0.072	0.085	0.061	0.079	0.072	95%	0.070	
X		94%	0.160	0.160	0.106	0.117	0.115	94%	0.107	
σ		0%	0.077	0.069	0.040	0.040	0.038	0%	0.032	
%RSD		0	48.050	43.290	37.920	34.050	33.240	0	30.140	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:43	88%	0.037	1.367	0.000	16.560	4.877	4.769	3.528	2.242
2	16:15:51	91%	0.022	1.381	0.000	9.641	6.839	7.675	7.563	2.935
3	16:16:58	89%	0.067	0.211	0.000	18.410	9.308	8.188	9.008	4.408
X		89%	0.042	0.986	0.000	14.870	7.008	6.877	6.700	3.195
σ		2%	0.023	0.671	0.000	4.620	2.221	1.844	2.840	1.106
%RSD		2	55.110	68.080	0.000	31.080	31.690	26.810	42.390	34.610
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:43	-1.332	3.743	0.000	0.000	20.280	6.886	1.608	93%	0.025
2	16:15:51	-0.285	4.079	0.000	0.000	18.330	13.190	3.789	93%	0.209
3	16:16:58	0.220	4.079	0.000	0.000	18.140	3.546	5.692	94%	0.083
X		-0.465	3.967	0.000	0.000	18.910	7.874	3.696	94%	0.106
σ		0.792	0.194	0.000	0.000	1.184	4.898	2.044	1%	0.094
%RSD		170.100	4.883	0.000	0.000	6.262	62.200	55.290	1	89.150
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:43	0.177	0.043	3.734	1.855	0.061	0.716	0.316	0.014	-0.003
2	16:15:51	0.204	0.041	4.029	1.785	0.081	1.561	2.233	0.051	0.090
3	16:16:58	-0.227	0.035	4.676	3.862	0.118	3.338	3.591	0.065	0.050
X		0.051	0.040	4.146	2.501	0.087	1.872	2.046	0.044	0.046
σ		0.241	0.004	0.482	1.180	0.029	1.339	1.645	0.026	0.046
%RSD		470.400	10.880	11.620	47.170	33.600	71.530	80.400	60.380	101.500
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:43	0.081	0.074	-0.064	0.069	-0.035	0.016	-0.540	-0.035	-0.674
2	16:15:51	0.111	0.073	-0.082	-0.075	-0.075	0.030	0.082	-0.075	0.464
3	16:16:58	0.126	0.130	0.074	0.105	-0.037	0.003	0.132	-0.036	1.073
X		0.106	0.093	-0.024	0.033	-0.049	0.017	-0.109	-0.049	0.288
σ		0.023	0.033	0.085	0.095	0.022	0.013	0.375	0.022	0.887
%RSD		21.540	35.340	360.900	289.900	45.820	80.360	345.100	45.830	308.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:43	0.128	0.090	0.078	0.101	0.095	-0.003	94%	1.331	0.016
2	16:15:51	0.093	0.080	0.140	0.054	0.129	-0.003	94%	-0.072	0.016
3	16:16:58	0.153	0.118	0.087	0.131	0.127	-0.006	94%	-0.190	0.013
X		0.125	0.096	0.102	0.095	0.117	-0.004	94%	0.356	0.015
σ		0.030	0.020	0.033	0.039	0.019	0.002	0%	0.846	0.002
%RSD		24.290	21.000	32.490	40.660	16.200	47.710	0	237.500	11.570
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:14:43	-0.711	1.327	0.019	0.100	0.061	0.032	0.122	0.204	96%
2	16:15:51	0.058	-0.075	0.040	0.041	0.036	0.033	0.314	0.271	96%
3	16:16:58	0.120	-0.197	0.021	0.053	0.054	0.055	0.293	0.284	97%
X		-0.178	0.352	0.027	0.065	0.050	0.040	0.243	0.253	96%
σ		0.463	0.847	0.011	0.031	0.013	0.013	0.105	0.043	1%
%RSD		260.300	240.900	42.320	47.990	26.090	33.230	43.330	16.960	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	16:14:43	96%	0.052	0.037	0.043	0.026	0.030	96%	0.017	
2	16:15:51	97%	0.042	0.056	0.050	0.040	0.045	97%	0.040	
3	16:16:58	97%	0.071	0.070	0.050	0.051	0.059	97%	0.051	
X		97%	0.055	0.054	0.048	0.039	0.045	97%	0.036	
σ		1%	0.015	0.017	0.004	0.013	0.015	1%	0.018	
%RSD		1	26.720	30.880	8.778	32.340	32.660	1	48.530	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:36	88%	0.004	-0.226	0.000	21.890	7.868	8.411	6.996	3.416
2	16:23:44	91%	0.065	-0.312	0.000	12.660	8.097	7.638	7.939	3.936
3	16:24:52	89%	0.013	-0.891	0.000	14.700	5.076	4.021	6.024	3.393
X		89%	0.027	-0.476	0.000	16.420	7.014	6.690	6.986	3.582
σ		2%	0.033	0.361	0.000	4.845	1.682	2.344	0.958	0.307
%RSD		2	120.200	75.870	0.000	29.510	23.980	35.030	13.710	8.579
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:36	-0.464	0.977	0.000	0.000	18.710	9.916	5.726	94%	0.053
2	16:23:44	0.021	9.003	0.000	0.000	14.710	17.800	6.177	94%	0.206
3	16:24:52	0.504	2.201	0.000	0.000	11.050	3.653	1.272	93%	0.117
X		0.020	4.060	0.000	0.000	14.820	10.460	4.392	94%	0.125
σ		0.484	4.324	0.000	0.000	3.828	7.087	2.711	1%	0.077
%RSD		2387.000	106.500	0.000	0.000	25.830	67.780	61.720	1	61.360
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:36	-0.059	0.046	4.073	6.406	0.081	1.619	-1.201	0.029	-0.004
2	16:23:44	0.183	0.028	3.330	5.469	0.101	3.020	-0.292	0.035	0.035
3	16:24:52	-0.077	0.069	3.751	4.822	0.037	1.263	-0.578	0.013	-0.011
X		0.016	0.048	3.718	5.566	0.073	1.968	-0.690	0.026	0.007
σ		0.145	0.020	0.373	0.796	0.033	0.929	0.465	0.012	0.025
%RSD		922.000	42.370	10.030	14.310	44.840	47.210	67.310	46.010	376.200
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:36	0.045	0.047	0.089	-0.052	-0.266	0.031	-0.142	-0.265	3.000
2	16:23:44	0.107	0.066	0.098	-0.217	-0.533	0.055	0.117	-0.530	0.143
3	16:24:52	0.043	0.080	-0.098	0.165	0.270	-0.016	-0.203	0.267	-1.625
X		0.065	0.064	0.030	-0.035	-0.176	0.024	-0.076	-0.176	0.506
σ		0.036	0.017	0.111	0.191	0.408	0.036	0.170	0.406	2.334
%RSD		56.230	26.000	373.100	550.800	231.600	152.400	223.300	231.000	461.200
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:36	0.108	0.125	0.094	0.112	0.135	0.000	95%	0.084	0.024
2	16:23:44	0.093	0.117	0.117	0.047	0.134	-0.003	94%	-0.002	0.008
3	16:24:52	0.117	0.065	0.068	0.001	0.134	0.004	95%	-0.599	-0.000
X		0.106	0.102	0.093	0.053	0.134	0.000	95%	-0.172	0.011
σ		0.012	0.033	0.025	0.056	0.001	0.003	1%	0.372	0.012
%RSD		11.800	32.050	26.330	105.500	0.608	927.500	1	215.700	116.500
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:22:36	-0.022	0.078	0.064	0.043	-0.005	0.009	0.332	0.208	98%
2	16:23:44	0.074	-0.009	0.018	0.039	0.048	0.019	0.209	0.225	98%
3	16:24:52	0.378	-0.603	-0.003	0.012	0.030	-0.003	0.166	0.146	96%
X		0.144	-0.178	0.026	0.032	0.025	0.008	0.236	0.193	98%
σ		0.209	0.371	0.034	0.017	0.027	0.011	0.086	0.042	1%
%RSD		145.300	208.300	131.200	52.630	110.200	130.900	36.600	21.560	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	16:22:36	99%	0.073	0.070	0.034	0.038	0.044	99%	0.038	
2	16:23:44	98%	0.036	0.055	0.038	0.022	0.037	98%	0.045	
3	16:24:52	97%	0.024	0.025	0.019	0.008	0.015	97%	0.030	
X		98%	0.044	0.050	0.030	0.023	0.032	98%	0.038	
σ		1%	0.025	0.023	0.010	0.015	0.015	1%	0.008	
%RSD		1	57.340	45.820	31.960	65.120	47.190	1	20.160	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:30:30	89%	-0.030	-0.884	0.000	2.391	-0.912	-1.049	-0.492	0.245
2	16:31:38	90%	-0.051	-0.581	0.000	0.409	-0.809	-1.640	-0.242	0.217
3	16:32:46	88%	-0.062	-1.014	0.000	5.129	-1.635	-2.039	-1.851	-0.059
X		89%	-0.048	-0.826	0.000	2.643	-1.118	-1.576	-0.862	0.134
σ		1%	0.016	0.222	0.000	2.370	0.450	0.498	0.866	0.168
%RSD		1	34.440	26.850	0.000	89.670	40.270	31.610	100.500	125.200
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:30:30	-0.838	-2.197	0.000	0.000	12.950	3.825	-2.321	91%	0.029
2	16:31:38	-0.422	2.902	0.000	0.000	12.730	-1.041	-3.126	91%	-0.129
3	16:32:46	0.750	-3.265	0.000	0.000	10.090	2.218	-4.940	91%	0.093
X		-0.170	-0.853	0.000	0.000	11.920	1.667	-3.462	91%	-0.003
σ		0.823	3.296	0.000	0.000	1.595	2.480	1.341	0%	0.114
%RSD		484.000	386.400	0.000	0.000	13.370	148.700	38.740	0	4553.000
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:30:30	-0.176	-0.017	3.923	-0.525	-0.028	-1.180	0.704	-0.002	-0.008
2	16:31:38	0.013	-0.030	3.590	0.773	-0.006	-1.173	0.694	-0.007	0.041
3	16:32:46	-0.189	-0.035	3.971	-0.226	-0.032	-1.447	0.625	-0.014	0.000
X		-0.117	-0.027	3.828	0.007	-0.022	-1.266	0.674	-0.007	0.011
σ		0.113	0.009	0.207	0.680	0.014	0.156	0.043	0.006	0.026
%RSD		96.400	34.080	5.416	9373.000	64.020	12.330	6.394	83.070	242.300
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:30:30	-0.013	-0.034	-0.160	0.027	0.050	0.008	-0.405	0.051	-1.260
2	16:31:38	-0.032	-0.007	-0.098	0.021	-0.188	0.005	0.193	-0.187	2.219
3	16:32:46	-0.013	-0.034	-0.090	-0.017	-0.706	0.013	-0.024	-0.704	-0.284
X		-0.019	-0.025	-0.116	0.011	-0.281	0.009	-0.079	-0.280	0.225
σ		0.011	0.015	0.038	0.024	0.387	0.004	0.303	0.386	1.794
%RSD		56.300	61.120	32.550	222.900	137.600	51.820	385.100	137.700	797.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:30:30	-0.023	-0.014	0.015	0.022	0.032	-0.003	90%	2.462	0.019
2	16:31:38	0.013	0.042	0.015	-0.009	0.005	-0.003	89%	0.753	-0.002
3	16:32:46	0.004	0.026	-0.027	-0.025	0.008	-0.003	89%	-0.092	-0.004
X		-0.002	0.018	0.001	-0.004	0.015	-0.003	89%	1.041	0.004
σ		0.019	0.029	0.024	0.024	0.015	0.000	0%	1.301	0.013
%RSD		1019.000	158.800	1882.000	541.700	98.680	0.480	0	125.000	306.400
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:30:30	-1.293	2.463	0.017	0.140	-0.031	-0.054	-0.018	-0.027	91%
2	16:31:38	-0.416	0.751	0.010	0.071	-0.006	-0.043	0.001	-0.021	90%
3	16:32:46	0.017	-0.095	0.000	-0.015	-0.016	-0.060	-0.037	-0.054	91%
X		-0.564	1.040	0.009	0.065	-0.018	-0.052	-0.018	-0.034	90%
σ		0.667	1.303	0.008	0.077	0.012	0.009	0.019	0.018	0%
%RSD		118.300	125.400	90.780	118.700	70.660	16.440	107.100	51.890	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	16:30:30	91%	-0.007	-0.008	-0.009	-0.020	-0.012	90%	-0.010	
2	16:31:38	91%	-0.008	-0.017	-0.016	-0.013	-0.011	89%	-0.008	
3	16:32:46	90%	-0.013	-0.018	-0.029	-0.027	-0.021	90%	-0.011	
X		91%	-0.009	-0.014	-0.018	-0.020	-0.015	89%	-0.010	
σ		0%	0.003	0.006	0.010	0.007	0.006	1%	0.001	
%RSD		0	36.050	38.990	56.150	35.270	39.490	1	14.850	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:38:24	91%	-0.052	-1.554	0.000	-1.214	-1.196	-1.794	-1.100	0.110
2	16:39:32	91%	-0.073	-0.768	0.000	-0.573	-1.419	-2.008	-1.478	0.064
3	16:40:41	89%	-0.008	-1.520	0.000	2.501	-2.011	-2.213	-2.213	-0.164
X		90%	-0.045	-1.281	0.000	0.238	-1.542	-2.005	-1.597	0.003
σ		1%	0.033	0.445	0.000	1.986	0.421	0.209	0.566	0.147
%RSD		1	74.350	34.720	0.000	833.900	27.320	10.450	35.420	4526.000
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:38:24	-0.462	6.060	0.000	0.000	8.655	2.029	-3.686	93%	0.024
2	16:39:32	0.058	0.912	0.000	0.000	12.040	-2.714	-3.178	92%	0.091
3	16:40:41	-1.155	1.477	0.000	0.000	6.492	-2.758	-6.448	93%	0.181
X		-0.520	2.816	0.000	0.000	9.061	-1.147	-4.438	93%	0.099
σ		0.609	2.823	0.000	0.000	2.795	2.751	1.760	1%	0.078
%RSD		117.200	100.200	0.000	0.000	30.850	239.800	39.650	1	79.360
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:38:24	-0.140	0.016	3.969	0.879	-0.022	-1.608	-1.374	-0.016	0.037
2	16:39:32	0.014	0.013	3.255	0.075	-0.035	-1.410	0.263	-0.031	0.015
3	16:40:41	0.074	0.038	3.264	-1.195	-0.020	-2.065	-1.993	-0.034	-0.026
X		-0.017	0.022	3.496	-0.080	-0.025	-1.694	-1.035	-0.027	0.009
σ		0.111	0.014	0.410	1.046	0.008	0.336	1.166	0.010	0.032
%RSD		647.600	60.370	11.730	1305.000	32.870	19.850	112.700	36.520	368.000
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:38:24	-0.034	-0.068	-0.087	0.181	0.006	-0.017	-0.161	0.006	-1.153
2	16:39:32	-0.043	0.005	-0.153	-0.138	-0.933	0.042	-0.045	-0.928	4.963
3	16:40:41	-0.031	-0.016	-0.129	-0.100	-0.306	0.028	-0.095	-0.304	0.393
X		-0.036	-0.026	-0.123	-0.019	-0.411	0.018	-0.100	-0.409	1.401
σ		0.006	0.037	0.033	0.174	0.478	0.031	0.058	0.476	3.180
%RSD		17.210	142.000	26.820	918.700	116.300	173.500	58.030	116.300	227.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:38:24	0.002	0.014	-0.028	-0.020	0.012	0.001	92%	0.507	-0.011
2	16:39:32	-0.007	-0.029	-0.018	-0.027	-0.017	0.015	92%	0.128	-0.027
3	16:40:41	-0.041	-0.005	-0.027	-0.066	-0.002	-0.006	91%	0.599	-0.024
X		-0.016	-0.007	-0.025	-0.038	-0.002	0.003	92%	0.411	-0.021
σ		0.023	0.022	0.005	0.025	0.015	0.011	0%	0.250	0.008
%RSD		147.000	333.200	21.280	65.750	661.900	367.800	0	60.730	40.070
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:38:24	-0.290	0.505	0.001	0.018	-0.031	-0.068	-0.040	-0.077	93%
2	16:39:32	-0.096	0.125	0.003	0.003	-0.041	-0.070	-0.106	-0.093	93%
3	16:40:41	-0.336	0.595	-0.022	0.023	-0.024	-0.078	-0.115	-0.109	94%
X		-0.241	0.408	-0.006	0.015	-0.032	-0.072	-0.087	-0.093	93%
σ		0.128	0.250	0.014	0.010	0.008	0.005	0.041	0.016	0%
%RSD		53.060	61.130	226.900	68.800	25.970	7.312	47.200	17.120	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	16:38:24	93%	-0.020	-0.019	-0.016	-0.024	-0.021	93%	-0.018	
2	16:39:32	93%	-0.024	-0.021	-0.033	-0.035	-0.026	93%	-0.017	
3	16:40:41	93%	-0.019	-0.026	-0.039	-0.035	-0.032	93%	-0.020	
X		93%	-0.021	-0.022	-0.030	-0.031	-0.026	93%	-0.018	
σ		0%	0.003	0.003	0.012	0.007	0.006	0%	0.002	
%RSD		0	12.020	15.060	40.910	21.690	21.570	0	9.114	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:54:12	91%	1.652	9.697	0.000	1001.000	1041.000	1029.000	1060.000	41.760
2	16:55:20	90%	1.982	9.066	0.000	1023.000	1058.000	1075.000	1057.000	42.180
3	16:56:28	90%	2.030	9.128	0.000	1015.000	1046.000	1038.000	1032.000	41.010
X		90%	1.888	9.297	0.000	1013.000	1048.000	1047.000	1050.000	41.650
σ		1%	0.206	0.348	0.000	11.220	8.674	24.270	15.120	0.593
%RSD		1	10.920	3.742	0.000	1.107	0.828	2.317	1.440	1.423
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:54:12	10.090	-2.044	0.000	0.000	1003.000	957.300	969.300	95%	8.613
2	16:55:20	10.780	0.747	0.000	0.000	1008.000	969.000	995.500	94%	9.841
3	16:56:28	9.828	-0.405	0.000	0.000	1002.000	937.100	994.100	95%	9.234
X		10.230	-0.567	0.000	0.000	1005.000	954.500	986.300	94%	9.229
σ		0.492	1.402	0.000	0.000	3.004	16.150	14.710	0%	0.614
%RSD		4.809	247.200	0.000	0.000	0.299	1.692	1.491	0	6.655
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:54:12	9.908	3.886	3.204	403.500	1.990	394.900	399.300	1.925	2.049
2	16:55:20	9.968	3.993	2.763	407.200	1.941	403.900	398.000	1.873	1.921
3	16:56:28	9.473	3.817	3.456	395.900	1.944	394.700	401.500	1.950	1.831
X		9.783	3.899	3.141	402.200	1.958	397.900	399.600	1.916	1.933
σ		0.270	0.089	0.351	5.740	0.027	5.259	1.774	0.040	0.109
%RSD		2.764	2.281	11.170	1.427	1.398	1.322	0.444	2.067	5.654
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:54:12	4.070	4.015	4.284	2.392	9.465	-0.110	9.634	9.422	0.404
2	16:55:20	3.868	4.099	4.767	2.175	9.118	-0.038	8.468	9.072	2.801
3	16:56:28	3.798	3.876	4.629	1.944	9.679	-0.017	9.633	9.624	-0.289
X		3.912	3.997	4.560	2.170	9.421	-0.055	9.245	9.373	0.972
σ		0.141	0.113	0.249	0.224	0.283	0.049	0.673	0.279	1.621
%RSD		3.611	2.816	5.453	10.310	3.004	89.030	7.278	2.978	166.800
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:54:12	9.804	9.317	9.795	9.371	9.369	-0.006	94%	3.377	1.967
2	16:55:20	9.612	9.258	9.096	9.310	9.082	-0.003	94%	2.512	1.976
3	16:56:28	9.120	8.998	9.299	9.339	9.329	0.000	96%	4.314	1.982
X		9.512	9.191	9.397	9.340	9.260	-0.003	95%	3.401	1.975
σ		0.353	0.170	0.360	0.030	0.155	0.003	1%	0.901	0.008
%RSD		3.711	1.847	3.828	0.325	1.676	110.000	1	26.500	0.381
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	16:54:12	-0.697	3.375	2.088	2.082	9.458	3.837	18.790	19.100	96%
2	16:55:20	-0.201	2.505	2.099	2.098	9.379	3.885	19.620	19.070	98%
3	16:56:28	-0.993	4.311	1.974	2.046	9.765	3.825	19.530	18.820	98%
X		-0.630	3.397	2.054	2.075	9.534	3.849	19.310	18.990	98%
σ		0.400	0.903	0.069	0.027	0.203	0.032	0.458	0.154	1%
%RSD		63.450	26.590	3.350	1.281	2.134	0.825	2.373	0.811	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	16:54:12	97%	1.987	1.912	1.966	1.899	1.898	97%	-0.021	
2	16:55:20	97%	1.938	1.907	1.957	1.883	1.933	98%	-0.023	
3	16:56:28	98%	1.917	1.888	1.827	1.872	1.888	99%	-0.023	
X		98%	1.947	1.902	1.917	1.884	1.906	98%	-0.022	
σ		1%	0.036	0.013	0.078	0.013	0.023	1%	0.001	
%RSD		1	1.845	0.667	4.060	0.709	1.230	1	3.217	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:06	90%	1.970	6.513	0.000	1021.000	1049.000	1036.000	1035.000	40.800
2	17:03:15	91%	1.472	6.857	0.000	1011.000	1047.000	1047.000	1056.000	42.040
3	17:04:22	90%	1.881	7.479	0.000	1025.000	1056.000	1061.000	1050.000	41.620
X		91%	1.774	6.949	0.000	1019.000	1051.000	1048.000	1047.000	41.490
σ		1%	0.266	0.489	0.000	7.252	5.077	12.740	10.650	0.632
%RSD		1	14.980	7.043	0.000	0.712	0.483	1.216	1.017	1.523
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:06	9.264	-1.851	0.000	0.000	996.900	993.200	978.600	95%	8.895
2	17:03:15	9.547	1.060	0.000	0.000	1002.000	975.500	986.000	95%	9.716
3	17:04:22	8.740	-0.702	0.000	0.000	1011.000	953.500	973.800	95%	9.087
X		9.184	-0.498	0.000	0.000	1003.000	974.100	979.500	95%	9.233
σ		0.409	1.467	0.000	0.000	7.079	19.910	6.133	0%	0.430
%RSD		4.458	294.700	0.000	0.000	0.706	2.043	0.626	0	4.653
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:06	9.600	3.981	2.841	397.000	1.925	393.300	390.600	1.896	1.806
2	17:03:15	9.642	3.758	3.348	399.000	1.943	402.300	402.300	1.892	1.862
3	17:04:22	10.120	3.847	2.178	404.700	1.956	397.900	391.500	1.980	2.025
X		9.787	3.862	2.789	400.200	1.941	397.800	394.800	1.923	1.898
σ		0.289	0.112	0.587	3.983	0.016	4.527	6.524	0.050	0.114
%RSD		2.948	2.907	21.040	0.995	0.816	1.138	1.653	2.594	5.998
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:06	3.738	3.880	4.602	1.953	9.962	0.008	9.155	9.914	-1.754
2	17:03:15	4.082	3.936	4.252	1.854	9.795	0.009	9.299	9.751	-0.857
3	17:04:22	4.056	3.861	4.725	2.222	9.596	-0.043	8.768	9.556	0.638
X		3.959	3.892	4.526	2.010	9.784	-0.009	9.074	9.740	-0.657
σ		0.191	0.039	0.246	0.191	0.183	0.030	0.275	0.179	1.208
%RSD		4.833	0.993	5.423	9.481	1.874	341.900	3.026	1.843	183.800
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:06	9.439	9.343	9.465	9.631	9.544	-0.003	96%	1.771	2.001
2	17:03:15	9.126	9.251	9.370	9.140	9.208	0.004	95%	3.153	2.001
3	17:04:22	9.136	9.391	9.407	9.643	9.374	-0.006	95%	1.900	1.912
X		9.234	9.328	9.414	9.471	9.376	-0.002	95%	2.274	1.971
σ		0.178	0.071	0.048	0.287	0.168	0.005	0%	0.763	0.051
%RSD		1.923	0.763	0.512	3.031	1.791	267.300	0	33.570	2.601
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:02:06	0.064	1.763	1.964	1.963	9.868	3.776	19.900	19.750	100%
2	17:03:15	-0.239	3.145	1.895	1.841	9.628	3.772	19.190	19.300	99%
3	17:04:22	0.459	1.894	1.963	1.871	9.985	3.847	18.720	19.110	98%
X		0.094	2.267	1.941	1.892	9.827	3.798	19.270	19.390	99%
σ		0.350	0.763	0.039	0.064	0.182	0.042	0.591	0.328	1%
%RSD		370.800	33.660	2.031	3.365	1.855	1.112	3.068	1.690	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	17:02:06	99%	1.916	1.880	1.882	1.918	1.922	100%	-0.022	
2	17:03:15	99%	1.880	1.921	1.934	1.901	1.939	100%	-0.023	
3	17:04:22	98%	1.906	1.962	1.938	1.877	1.929	97%	-0.022	
X		99%	1.900	1.921	1.918	1.898	1.930	99%	-0.022	
σ		0%	0.018	0.041	0.031	0.021	0.009	1%	0.001	
%RSD		1	0.952	2.141	1.622	1.080	0.445	1	3.101	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:01	91%	1.952	8.957	0.000	1014.000	1060.000	1053.000	1053.000	42.190
2	17:11:09	90%	2.081	7.677	0.000	1026.000	1062.000	1054.000	1056.000	42.500
3	17:12:18	89%	1.715	5.752	0.000	1037.000	1073.000	1073.000	1070.000	43.780
X		90%	1.916	7.462	0.000	1026.000	1065.000	1060.000	1059.000	42.820
σ		1%	0.185	1.613	0.000	11.520	7.197	11.350	9.247	0.846
%RSD		1	9.667	21.620	0.000	1.123	0.676	1.071	0.873	1.976
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:01	10.440	0.571	0.000	0.000	1006.000	990.200	977.000	93%	9.561
2	17:11:09	9.889	0.357	0.000	0.000	1003.000	958.100	981.200	93%	10.010
3	17:12:18	8.180	0.460	0.000	0.000	1025.000	972.600	1006.000	91%	9.659
X		9.503	0.463	0.000	0.000	1012.000	973.600	988.200	92%	9.744
σ		1.179	0.107	0.000	0.000	11.940	16.060	15.840	1%	0.236
%RSD		12.410	23.050	0.000	0.000	1.181	1.649	1.603	1	2.424
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:01	10.200	3.919	2.529	407.000	1.969	403.500	396.200	1.951	1.799
2	17:11:09	10.140	3.797	2.533	407.400	1.931	400.800	394.300	1.971	2.130
3	17:12:18	9.815	3.929	3.045	405.300	2.047	406.700	403.800	1.939	2.138
X		10.050	3.882	2.702	406.600	1.982	403.700	398.100	1.953	2.022
σ		0.208	0.073	0.296	1.138	0.059	2.962	5.044	0.016	0.194
%RSD		2.071	1.893	10.970	0.280	2.982	0.734	1.267	0.811	9.573
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:01	3.817	3.944	4.350	2.343	9.156	-0.073	9.871	9.130	-0.445
2	17:11:09	4.062	4.391	4.641	2.228	8.823	-0.033	9.720	8.805	2.952
3	17:12:18	3.939	4.018	4.265	2.292	10.290	-0.057	10.930	10.250	-0.928
X		3.940	4.117	4.419	2.288	9.423	-0.055	10.170	9.396	0.526
σ		0.123	0.240	0.197	0.057	0.770	0.020	0.657	0.760	2.115
%RSD		3.112	5.819	4.460	2.504	8.169	37.410	6.455	8.092	401.800
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:01	8.875	9.398	9.510	9.363	9.476	0.001	91%	2.230	1.883
2	17:11:09	9.164	9.598	9.499	9.444	9.320	-0.006	90%	2.880	2.051
3	17:12:18	9.922	9.760	9.475	9.901	9.519	-0.003	90%	3.904	1.961
X		9.320	9.585	9.495	9.569	9.438	-0.003	90%	3.005	1.965
σ		0.541	0.181	0.018	0.290	0.104	0.004	0%	0.844	0.084
%RSD		5.802	1.892	0.192	3.034	1.105	123.400	1	28.080	4.269
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:10:01	0.040	2.230	2.003	2.128	9.513	3.777	19.810	19.530	92%
2	17:11:09	-0.498	2.881	2.076	1.880	9.539	3.848	20.650	19.450	91%
3	17:12:18	-0.858	3.906	1.922	2.255	9.636	3.834	19.520	19.510	91%
X		-0.439	3.006	2.000	2.087	9.563	3.819	19.990	19.500	91%
σ		0.452	0.845	0.077	0.191	0.065	0.037	0.589	0.043	1%
%RSD		103.100	28.110	3.863	9.129	0.677	0.975	2.946	0.223	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	17:10:01	91%	1.914	1.977	1.911	1.917	1.937	90%	-0.024	
2	17:11:09	91%	1.900	1.936	2.017	1.906	1.965	89%	-0.022	
3	17:12:18	92%	1.953	1.924	1.881	1.888	1.921	89%	-0.022	
X		91%	1.922	1.946	1.937	1.904	1.941	89%	-0.022	
σ		0%	0.028	0.028	0.072	0.015	0.022	1%	0.001	
%RSD		0	1.443	1.438	3.696	0.777	1.157	1	5.365	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:58	91%	1.774	10.600	0.000	1022.000	1064.000	1064.000	1057.000	42.380
2	17:19:06	88%	2.039	7.529	0.000	1071.000	1114.000	1117.000	1103.000	43.380
3	17:20:14	93%	1.795	6.135	0.000	1007.000	1054.000	1054.000	1045.000	41.410
X		91%	1.870	8.088	0.000	1033.000	1077.000	1078.000	1069.000	42.390
σ		2%	0.147	2.284	0.000	33.310	32.420	33.990	30.550	0.986
%RSD		2	7.868	28.240	0.000	3.224	3.010	3.152	2.859	2.327
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:58	9.780	4.984	0.000	0.000	1013.000	961.300	1004.000	93%	9.684
2	17:19:06	14.060	3.555	0.000	0.000	1053.000	958.300	1035.000	92%	9.237
3	17:20:14	10.620	2.230	0.000	0.000	1002.000	946.500	977.400	95%	8.996
X		11.490	3.590	0.000	0.000	1023.000	955.400	1006.000	93%	9.306
σ		2.269	1.377	0.000	0.000	26.970	7.820	29.010	1%	0.349
%RSD		19.750	38.370	0.000	0.000	2.638	0.819	2.885	2	3.750
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:58	10.060	3.940	2.522	404.300	2.052	403.400	392.200	2.025	2.018
2	17:19:06	9.898	4.128	2.960	427.300	2.036	423.400	419.300	1.956	1.991
3	17:20:14	9.837	3.910	2.452	398.300	1.976	400.500	398.600	2.043	1.869
X		9.932	3.993	2.645	410.000	2.021	409.100	403.400	2.008	1.959
σ		0.115	0.118	0.275	15.280	0.040	12.470	14.200	0.046	0.080
%RSD		1.159	2.954	10.400	3.726	1.982	3.047	3.519	2.288	4.061
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:58	4.126	3.945	4.596	1.700	9.839	0.060	10.270	9.794	0.342
2	17:19:06	3.984	4.153	4.787	2.604	10.770	-0.097	10.690	10.720	-2.620
3	17:20:14	4.050	4.070	4.427	2.124	8.964	-0.036	8.839	8.938	1.099
X		4.053	4.056	4.604	2.143	9.856	-0.025	9.935	9.817	-0.393
σ		0.071	0.105	0.180	0.452	0.901	0.079	0.972	0.891	1.966
%RSD		1.751	2.580	3.912	21.100	9.140	322.800	9.781	9.077	500.300
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:58	9.572	9.491	9.392	9.763	9.126	-0.003	92%	1.878	1.836
2	17:19:06	9.215	9.945	9.823	9.811	9.681	-0.003	92%	1.925	2.085
3	17:20:14	9.410	9.344	9.092	9.210	9.335	0.004	93%	1.971	1.991
X		9.399	9.593	9.436	9.595	9.381	-0.001	92%	1.925	1.971
σ		0.178	0.313	0.368	0.334	0.280	0.004	1%	0.046	0.125
%RSD		1.899	3.265	3.897	3.481	2.987	616.500	1	2.396	6.365
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:17:58	-0.009	1.880	2.009	1.816	9.722	3.633	18.460	19.310	93%
2	17:19:06	0.027	1.924	1.934	1.941	10.010	3.952	20.500	20.070	93%
3	17:20:14	0.451	1.969	2.048	1.804	9.523	3.800	19.650	19.530	95%
X		0.156	1.924	1.997	1.854	9.752	3.795	19.540	19.640	93%
σ		0.256	0.044	0.058	0.076	0.245	0.160	1.026	0.389	1%
%RSD		163.900	2.304	2.893	4.092	2.509	4.209	5.250	1.980	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	17:17:58	94%	1.914	1.969	1.982	1.873	1.923	92%	-0.024	
2	17:19:06	93%	1.992	1.971	1.966	2.032	1.984	91%	-0.024	
3	17:20:14	95%	1.894	1.961	1.827	1.909	1.882	94%	-0.024	
X		94%	1.933	1.967	1.925	1.938	1.930	93%	-0.024	
σ		1%	0.052	0.005	0.085	0.083	0.051	2%	0.000	
%RSD		1	2.666	0.255	4.421	4.296	2.641	2	1.130	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:54	92%	1.749	7.593	0.000	1009.000	1055.000	1051.000	1050.000	40.840
2	17:27:02	91%	1.879	8.652	0.000	1019.000	1059.000	1048.000	1070.000	42.580
3	17:28:11	94%	1.921	11.070	0.000	995.400	1034.000	1024.000	1040.000	42.180
X		92%	1.850	9.105	0.000	1008.000	1049.000	1041.000	1053.000	41.870
σ		2%	0.090	1.782	0.000	11.690	13.260	14.710	15.600	0.908
%RSD		2	4.843	19.570	0.000	1.160	1.264	1.414	1.481	2.168
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:54	9.982	-3.829	0.000	0.000	1011.000	1013.000	975.000	93%	9.805
2	17:27:02	9.282	2.068	0.000	0.000	1011.000	1013.000	981.600	94%	9.632
3	17:28:11	10.420	1.489	0.000	0.000	994.900	928.300	976.100	95%	9.306
X		9.895	-0.091	0.000	0.000	1006.000	984.800	977.600	94%	9.581
σ		0.575	3.250	0.000	0.000	9.401	48.860	3.542	1%	0.253
%RSD		5.814	3574.000	0.000	0.000	0.935	4.962	0.362	1	2.643
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:54	10.320	4.046	1.914	409.600	1.971	406.300	401.800	2.075	2.011
2	17:27:02	10.060	4.091	1.713	405.800	1.914	404.100	414.500	2.002	1.902
3	17:28:11	10.040	3.734	1.947	399.800	1.964	400.500	399.800	1.961	2.003
X		10.140	3.957	1.858	405.100	1.950	403.700	405.400	2.013	1.972
σ		0.154	0.194	0.127	4.961	0.031	2.890	7.965	0.058	0.061
%RSD		1.519	4.904	6.833	1.225	1.613	0.716	1.965	2.865	3.099
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:54	4.150	3.969	4.171	2.102	10.460	-0.046	10.770	10.410	-0.931
2	17:27:02	4.005	3.866	4.706	1.678	8.541	0.051	9.624	8.502	3.155
3	17:28:11	4.204	4.184	4.246	2.594	11.110	-0.131	10.440	11.060	-2.294
X		4.120	4.006	4.374	2.125	10.040	-0.042	10.280	9.992	-0.023
σ		0.103	0.162	0.289	0.458	1.335	0.091	0.589	1.330	2.835
%RSD		2.504	4.048	6.617	21.570	13.300	216.000	5.727	13.310	12170.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:54	9.500	9.478	9.487	9.237	9.475	-0.006	93%	2.477	1.964
2	17:27:02	9.377	9.230	9.123	9.936	9.019	-0.003	94%	3.075	1.913
3	17:28:11	9.376	9.288	9.337	8.932	9.080	0.004	95%	1.690	1.898
X		9.418	9.332	9.316	9.368	9.191	-0.002	94%	2.414	1.925
σ		0.071	0.130	0.183	0.514	0.248	0.005	1%	0.695	0.035
%RSD		0.758	1.390	1.967	5.490	2.696	272.800	1	28.780	1.803
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:25:54	-0.066	2.474	2.042	2.006	9.817	3.737	19.530	19.410	95%
2	17:27:02	-0.840	3.072	1.958	2.062	9.681	3.711	19.630	19.590	96%
3	17:28:11	0.112	1.690	2.116	1.855	9.549	3.700	19.390	19.670	96%
X		-0.265	2.412	2.039	1.974	9.682	3.716	19.520	19.560	96%
σ		0.506	0.693	0.079	0.107	0.134	0.019	0.122	0.133	0%
%RSD		191.200	28.740	3.873	5.432	1.383	0.522	0.625	0.682	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	17:25:54	95%	1.928	1.935	1.966	1.998	1.976	94%	-0.024	
2	17:27:02	96%	1.941	1.987	1.924	1.982	1.945	95%	-0.024	
3	17:28:11	96%	1.983	1.925	1.970	1.967	1.907	96%	-0.024	
X		96%	1.951	1.949	1.953	1.983	1.942	95%	-0.024	
σ		1%	0.029	0.033	0.025	0.016	0.035	1%	0.000	
%RSD		1	1.469	1.698	1.300	0.798	1.785	1	0.724	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:33:50	90%	0.832	3.265	0.000	522.200	533.900	536.200	539.300	22.090
2	17:34:58	90%	0.964	2.671	0.000	525.200	539.000	541.900	541.200	22.810
3	17:36:06	94%	0.726	3.771	0.000	480.700	498.200	499.900	509.800	21.030
X		91%	0.841	3.236	0.000	509.400	523.700	526.000	530.100	21.980
σ		2%	0.120	0.550	0.000	24.870	22.230	22.760	17.640	0.895
%RSD		2	14.230	17.010	0.000	4.883	4.245	4.328	3.327	4.073
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:33:50	5.200	2.407	0.000	0.000	500.200	468.100	510.000	94%	4.963
2	17:34:58	7.049	2.388	0.000	0.000	516.400	493.600	513.700	94%	4.875
3	17:36:06	5.190	0.318	0.000	0.000	479.300	460.400	468.200	98%	4.206
X		5.813	1.704	0.000	0.000	498.600	474.100	497.300	95%	4.681
σ		1.071	1.200	0.000	0.000	18.610	17.380	25.240	2%	0.414
%RSD		18.420	70.430	0.000	0.000	3.732	3.665	5.076	3	8.849
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:33:50	4.999	2.114	1.468	208.300	1.101	202.100	192.400	1.020	1.114
2	17:34:58	5.092	2.129	1.591	201.400	1.068	204.400	202.200	1.029	0.867
3	17:36:06	4.621	2.031	1.774	195.300	1.002	190.600	185.700	0.956	1.192
X		4.904	2.092	1.611	201.700	1.057	199.000	193.400	1.002	1.058
σ		0.249	0.053	0.154	6.507	0.051	7.392	8.313	0.040	0.170
%RSD		5.085	2.528	9.537	3.226	4.797	3.714	4.298	3.961	16.060
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:33:50	2.172	1.881	2.275	1.478	5.029	-0.091	5.003	5.005	1.900
2	17:34:58	2.014	2.235	2.385	1.124	4.493	-0.023	5.390	4.472	0.803
3	17:36:06	1.845	1.706	2.415	0.907	3.396	0.004	4.153	3.386	5.879
X		2.010	1.941	2.358	1.170	4.306	-0.037	4.848	4.287	2.861
σ		0.163	0.270	0.073	0.288	0.832	0.049	0.633	0.825	2.671
%RSD		8.127	13.880	3.109	24.660	19.330	131.800	13.050	19.250	93.370
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:33:50	4.453	4.687	4.465	4.880	4.910	-0.003	94%	1.002	0.981
2	17:34:58	5.109	4.667	4.844	4.973	4.742	-0.003	94%	0.032	1.006
3	17:36:06	4.682	4.525	4.498	4.360	4.591	-0.006	96%	1.081	0.928
X		4.748	4.626	4.602	4.737	4.748	-0.004	95%	0.705	0.972
σ		0.333	0.089	0.210	0.330	0.160	0.002	1%	0.584	0.040
%RSD		7.015	1.918	4.556	6.973	3.360	47.660	2	82.850	4.117
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:33:50	0.318	0.999	1.017	0.939	4.894	1.866	10.040	10.210	96%
2	17:34:58	0.567	0.028	1.026	0.975	5.262	1.897	9.838	9.943	95%
3	17:36:06	-0.087	1.075	0.991	0.924	4.762	1.717	8.853	9.019	100%
X		0.266	0.701	1.011	0.946	4.973	1.827	9.578	9.723	97%
σ		0.330	0.584	0.018	0.026	0.259	0.096	0.636	0.625	2%
%RSD		124.100	83.260	1.818	2.793	5.213	5.252	6.641	6.422	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	17:33:50	96%	0.996	0.992	1.003	0.943	0.968	96%	-0.007	
2	17:34:58	96%	0.959	1.000	1.005	1.001	0.994	96%	-0.008	
3	17:36:06	100%	0.893	0.877	0.942	0.940	0.939	101%	-0.009	
X		97%	0.950	0.956	0.984	0.961	0.967	97%	-0.008	
σ		3%	0.052	0.069	0.036	0.035	0.028	3%	0.001	
%RSD		3	5.475	7.215	3.692	3.595	2.860	3	11.690	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:41:44	85%	482.600	465.700	0.000	51620.000	52170.000	51540.000	51420.000	10090.000
2	17:42:52	85%	474.300	477.800	0.000	51220.000	51120.000	50780.000	50260.000	10060.000
3	17:44:00	86%	468.200	463.600	0.000	50670.000	51150.000	50880.000	50310.000	9906.000
X		86%	475.100	469.000	0.000	51170.000	51480.000	51070.000	50660.000	10020.000
σ		1%	7.202	7.663	0.000	477.900	600.200	414.100	657.600	99.890
%RSD		1	1.516	1.634	0.000	0.934	1.166	0.811	1.298	0.997
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:41:44	516.700	9993.000	0.000	0.000	25890.000	51960.000	49850.000	90%	504.500
2	17:42:52	524.000	9906.000	0.000	0.000	25530.000	51630.000	49430.000	92%	483.300
3	17:44:00	529.800	9841.000	0.000	0.000	25230.000	51540.000	49300.000	91%	492.100
X		523.500	9913.000	0.000	0.000	25550.000	51710.000	49520.000	91%	493.300
σ		6.571	76.250	0.000	0.000	329.300	220.000	285.800	1%	10.680
%RSD		1.255	0.769	0.000	0.000	1.289	0.425	0.577	1	2.166
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:41:44	492.100	500.500	7.195	25990.000	1017.000	25600.000	25670.000	492.200	485.700
2	17:42:52	485.900	489.900	3.526	25750.000	1016.000	25390.000	25190.000	484.800	485.200
3	17:44:00	484.000	484.200	4.264	25750.000	1012.000	25130.000	24960.000	486.500	476.600
X		487.300	491.500	4.995	25830.000	1015.000	25370.000	25270.000	487.800	482.500
σ		4.213	8.250	1.941	139.400	2.606	231.600	360.600	3.834	5.110
%RSD		0.865	1.678	38.850	0.539	0.257	0.913	1.427	0.786	1.059
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:41:44	974.400	982.200	1015.000	490.400	493.900	-1.247	492.700	492.100	-0.208
2	17:42:52	963.300	969.500	1006.000	485.200	492.500	-0.914	490.800	491.500	6.235
3	17:44:00	963.900	961.000	989.300	490.900	498.500	-2.098	491.500	497.400	6.273
X		967.200	970.900	1004.000	488.800	495.000	-1.419	491.700	493.700	4.100
σ		6.282	10.690	13.170	3.144	3.124	0.611	0.989	3.260	3.731
%RSD		0.649	1.101	1.312	0.643	0.631	43.010	0.201	0.660	91.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:41:44	494.200	500.500	503.300	502.700	497.800	-0.003	89%	510.800	506.500
2	17:42:52	498.900	500.000	498.700	499.200	492.200	0.001	89%	515.700	504.300
3	17:44:00	495.000	494.700	498.400	497.400	489.600	-0.003	89%	514.300	502.500
X		496.000	498.400	500.100	499.800	493.200	-0.002	89%	513.600	504.500
σ		2.491	3.189	2.762	2.724	4.187	0.002	0%	2.514	2.006
%RSD		0.502	0.640	0.552	0.545	0.849	129.600	0	0.489	0.398
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:41:44	13.090	510.100	502.400	505.400	506.700	508.400	2503.000	2501.000	96%
2	17:42:52	12.640	514.900	507.600	506.700	502.100	505.200	2503.000	2507.000	97%
3	17:44:00	6.407	513.500	502.300	503.300	499.700	503.100	2479.000	2461.000	97%
X		10.710	512.800	504.100	505.100	502.800	505.600	2495.000	2490.000	97%
σ		3.736	2.467	3.019	1.708	3.559	2.711	13.670	24.660	0%
%RSD		34.870	0.481	0.599	0.338	0.708	0.536	0.548	0.991	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	17:41:44	98%	493.700	501.400	504.700	503.900	502.900	94%	518.200	
2	17:42:52	98%	498.700	497.600	497.900	499.200	499.100	95%	510.600	
3	17:44:00	96%	496.200	500.200	501.500	503.900	501.900	94%	509.300	
X		97%	496.200	499.700	501.400	502.300	501.300	94%	512.700	
σ		1%	2.466	1.943	3.396	2.739	1.953	1%	4.815	
%RSD		1	0.497	0.389	0.677	0.545	0.390	1	0.939	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:49:37	87%	0.204	4.474	0.000	45.840	24.080	22.540	24.640	4.626
2	17:50:45	86%	0.062	4.750	0.000	30.850	16.970	16.470	17.600	3.024
3	17:51:53	88%	0.114	2.995	0.000	18.690	10.070	10.370	10.260	1.499
X		87%	0.127	4.073	0.000	31.790	17.040	16.460	17.500	3.050
σ		1%	0.072	0.944	0.000	13.600	7.006	6.086	7.190	1.564
%RSD		1	56.510	23.180	0.000	42.780	41.110	36.980	41.090	51.280
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:49:37	-1.030	4.725	0.000	0.000	26.200	12.300	22.570	90%	0.226
2	17:50:45	-1.115	6.657	0.000	0.000	17.890	20.460	10.720	90%	0.255
3	17:51:53	-0.713	2.284	0.000	0.000	11.830	4.085	7.841	89%	0.165
X		-0.953	4.555	0.000	0.000	18.640	12.280	13.710	90%	0.215
σ		0.212	2.191	0.000	0.000	7.217	8.190	7.807	1%	0.046
%RSD		22.250	48.110	0.000	0.000	38.710	66.680	56.930	1	21.410
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:49:37	0.373	0.236	1.121	10.760	0.450	8.829	6.975	0.243	0.268
2	17:50:45	0.271	0.102	1.293	9.271	0.344	5.961	6.895	0.147	0.220
3	17:51:53	0.161	0.093	1.334	7.342	0.208	3.418	5.801	0.070	0.142
X		0.269	0.144	1.249	9.124	0.334	6.069	6.557	0.154	0.210
σ		0.106	0.080	0.113	1.713	0.121	2.707	0.655	0.087	0.064
%RSD		39.390	55.740	9.062	18.780	36.240	44.600	9.998	56.490	30.320
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:49:37	0.565	0.589	0.343	0.173	-0.348	0.025	0.397	-0.347	2.553
2	17:50:45	0.294	0.309	0.294	0.268	-0.066	-0.007	0.397	-0.065	0.513
3	17:51:53	0.187	0.198	0.151	0.150	-0.065	-0.007	0.116	-0.064	1.207
X		0.349	0.365	0.263	0.197	-0.160	0.004	0.303	-0.159	1.424
σ		0.195	0.202	0.100	0.062	0.164	0.018	0.163	0.163	1.037
%RSD		55.940	55.180	37.950	31.680	102.500	479.200	53.560	102.700	72.820
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:49:37	0.325	0.327	0.318	0.373	0.328	-0.006	89%	0.126	0.325
2	17:50:45	0.142	0.268	0.207	0.261	0.274	0.001	87%	-0.225	0.193
3	17:51:53	0.215	0.131	0.160	0.115	0.105	-0.003	87%	1.498	0.097
X		0.227	0.242	0.229	0.250	0.235	-0.003	88%	0.466	0.205
σ		0.092	0.101	0.081	0.130	0.117	0.004	1%	0.911	0.114
%RSD		40.470	41.690	35.590	51.970	49.470	133.800	1	195.300	55.750
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:49:37	0.174	0.122	0.363	0.271	0.480	0.583	1.238	1.245	91%
2	17:50:45	0.196	-0.232	0.191	0.176	0.327	0.362	0.831	0.820	90%
3	17:51:53	-0.743	1.497	0.105	0.193	0.236	0.225	0.615	0.499	89%
X		-0.125	0.462	0.220	0.213	0.348	0.390	0.895	0.855	90%
σ		0.536	0.913	0.131	0.050	0.123	0.181	0.317	0.374	1%
%RSD		430.700	197.500	59.790	23.690	35.390	46.330	35.400	43.810	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	17:49:37	91%	0.361	0.354	0.250	0.277	0.277	89%	0.210	
2	17:50:45	89%	0.185	0.177	0.177	0.141	0.163	89%	0.158	
3	17:51:53	88%	0.101	0.103	0.083	0.082	0.086	87%	0.085	
X		89%	0.216	0.211	0.170	0.167	0.175	88%	0.151	
σ		1%	0.133	0.129	0.084	0.100	0.097	1%	0.062	
%RSD		2	61.610	61.050	49.380	60.310	55.090	2	41.360	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	104%	0.102	742.300	0.000	228300.000	64610.000	63570.000	63610.000	2.720
2	17:58:38	105%	-0.010	742.300	0.000	222800.000	62770.000	61660.000	61860.000	2.562
3	17:59:46	108%	-0.021	751.500	0.000	224400.000	63050.000	62610.000	62500.000	1.289
X		106%	0.024	745.400	0.000	225200.000	63480.000	62610.000	62660.000	2.190
σ		2%	0.068	5.284	0.000	2835.000	987.900	955.200	885.600	0.785
%RSD		2	288.000	0.709	0.000	1.259	1.556	1.526	1.413	35.830
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	21190.000	-6.613	0.000	0.000	8096.000	273000.000	280700.000	100%	1.848
2	17:58:38	20670.000	-9.343	0.000	0.000	7926.000	264200.000	269200.000	103%	1.993
3	17:59:46	20950.000	-8.223	0.000	0.000	8141.000	272700.000	278200.000	103%	1.283
X		20940.000	-8.060	0.000	0.000	8054.000	270000.000	276000.000	102%	1.708
σ		262.300	1.372	0.000	0.000	113.400	5005.000	6083.000	2%	0.375
%RSD		1.253	17.020	0.000	0.000	1.408	1.854	2.204	2	21.980
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	29.480	0.957	100.500	7.807	0.556	19.080	687.300	0.256	3.081
2	17:58:38	27.350	0.943	121.400	3.753	0.445	16.390	675.000	0.157	3.147
3	17:59:46	28.630	0.928	137.100	3.487	0.401	16.470	660.100	0.152	2.854
X		28.490	0.943	119.600	5.016	0.467	17.310	674.100	0.188	3.027
σ		1.070	0.014	18.360	2.421	0.080	1.529	13.600	0.058	0.153
%RSD		3.754	1.499	15.350	48.270	17.160	8.831	2.017	30.960	5.066
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	4.124	4.033	4.696	8.533	23.230	0.421	18.650	23.500	0.588
2	17:58:38	3.899	3.982	4.695	7.438	23.590	0.648	16.360	23.850	-0.984
3	17:59:46	4.006	3.962	4.523	6.420	23.310	0.873	18.070	23.590	1.851
X		4.010	3.992	4.638	7.464	23.380	0.647	17.700	23.650	0.485
σ		0.113	0.037	0.099	1.057	0.191	0.226	1.189	0.183	1.420
%RSD		2.806	0.916	2.145	14.160	0.815	34.880	6.721	0.774	293.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	4.127	1.075	1.074	0.947	0.946	-0.003	82%	0.047	0.156
2	17:58:38	5.407	1.043	0.782	0.986	0.800	-0.003	85%	-0.525	0.114
3	17:59:46	0.967	0.932	0.861	1.035	0.933	-0.003	85%	-0.810	0.058
X		3.500	1.017	0.906	0.989	0.893	-0.003	84%	-0.429	0.109
σ		2.285	0.075	0.151	0.044	0.080	0.000	2%	0.437	0.049
%RSD		65.290	7.368	16.640	4.493	8.999	2.567	2	101.600	45.030
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	17:57:30	0.182	0.034	0.176	0.105	0.222	0.168	30.860	31.260	89%
2	17:58:38	0.411	-0.538	0.147	0.082	0.089	0.148	29.110	29.780	92%
3	17:59:46	0.390	-0.824	0.084	0.079	0.100	0.079	29.450	30.490	92%
X		0.328	-0.443	0.136	0.089	0.137	0.132	29.810	30.510	91%
σ		0.127	0.437	0.047	0.014	0.074	0.046	0.928	0.738	2%
%RSD		38.640	98.620	34.950	16.230	53.950	35.310	3.115	2.420	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	17:57:30	90%	0.126	0.149	1.371	1.203	1.286	82%	11.370	
2	17:58:38	93%	0.086	0.083	0.932	0.903	0.918	86%	10.820	
3	17:59:46	92%	0.058	0.053	0.798	0.741	0.786	86%	10.980	
X		91%	0.090	0.095	1.033	0.949	0.996	84%	11.060	
σ		1%	0.034	0.049	0.299	0.235	0.259	2%	0.285	
%RSD		2	37.910	51.960	28.980	24.730	25.980	3	2.575	

C1851-02 MF3T40D

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:05:23	105%	-0.011	755.800	0.000	226700.000	65140.000	64340.000	63960.000	0.704
2	18:06:31	105%	-0.010	773.700	0.000	236500.000	67260.000	66630.000	67080.000	-0.394
3	18:07:39	107%	0.034	738.300	0.000	223000.000	63850.000	63050.000	63160.000	-0.873
X		106%	0.005	755.900	0.000	228800.000	65420.000	64680.000	64730.000	-0.188
σ		1%	0.026	17.700	0.000	6995.000	1720.000	1812.000	2067.000	0.808
%RSD		1	562.400	2.342	0.000	3.058	2.630	2.802	3.193	430.600
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:05:23	21000.000	-9.238	0.000	0.000	8178.000	272800.000	278300.000	105%	1.340
2	18:06:31	22050.000	-5.697	0.000	0.000	8508.000	288600.000	295400.000	100%	1.780
3	18:07:39	20730.000	-12.980	0.000	0.000	7935.000	267100.000	276200.000	105%	2.027
X		21260.000	-9.304	0.000	0.000	8207.000	276100.000	283300.000	103%	1.716
σ		698.100	3.640	0.000	0.000	287.400	11110.000	10560.000	3%	0.348
%RSD		3.284	39.130	0.000	0.000	3.502	4.024	3.727	2	20.270
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:05:23	27.120	0.907	153.200	1.146	0.353	13.760	660.600	0.134	3.094
2	18:06:31	30.980	1.120	169.800	1.567	0.360	16.670	674.800	0.142	3.162
3	18:07:39	26.350	0.862	174.100	1.341	0.322	13.180	630.800	0.183	2.541
X		28.150	0.963	165.700	1.351	0.345	14.540	655.400	0.153	2.932
σ		2.481	0.138	11.050	0.210	0.020	1.873	22.450	0.026	0.340
%RSD		8.814	14.280	6.668	15.580	5.853	12.890	3.426	17.150	11.610
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:05:23	3.695	4.234	3.577	8.449	21.750	0.716	17.390	22.020	2.604
2	18:06:31	4.328	4.399	3.939	7.911	26.140	0.867	18.840	26.420	4.214
3	18:07:39	3.815	3.952	3.743	7.181	22.370	0.961	16.600	22.620	1.814
X		3.946	4.195	3.753	7.847	23.420	0.848	17.610	23.690	2.878
σ		0.337	0.226	0.181	0.637	2.373	0.123	1.139	2.385	1.223
%RSD		8.527	5.389	4.826	8.113	10.130	14.540	6.466	10.070	42.510
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:05:23	1.058	0.915	0.964	0.956	0.837	0.001	86%	-0.621	0.088
2	18:06:31	0.107	0.949	0.925	1.182	0.947	0.005	84%	-0.929	0.023
3	18:07:39	2.978	0.938	0.843	0.978	0.906	0.005	87%	0.226	0.023
X		1.381	0.934	0.911	1.039	0.897	0.004	85%	-0.441	0.044
σ		1.462	0.017	0.062	0.125	0.055	0.002	2%	0.599	0.037
%RSD		105.900	1.851	6.793	11.990	6.166	62.260	2	135.600	83.760
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:05:23	0.294	-0.636	0.067	0.028	0.058	0.030	29.490	29.660	94%
2	18:06:31	0.451	-0.944	0.048	-0.015	0.055	0.056	31.800	32.470	92%
3	18:07:39	0.078	0.211	0.043	0.056	0.025	0.026	28.850	29.980	95%
X		0.274	-0.456	0.052	0.023	0.046	0.038	30.050	30.700	93%
σ		0.187	0.598	0.013	0.036	0.018	0.016	1.556	1.542	2%
%RSD		68.270	131.000	24.010	155.200	39.290	43.680	5.179	5.022	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:05:23	93%	0.055	0.051	0.709	0.695	0.683	87%	11.300	
2	18:06:31	91%	0.007	0.016	0.703	0.598	0.643	86%	11.700	
3	18:07:39	96%	0.004	-0.001	0.640	0.563	0.618	89%	11.100	
X		93%	0.022	0.022	0.684	0.619	0.648	87%	11.370	
σ		2%	0.028	0.027	0.038	0.069	0.033	1%	0.307	
%RSD		2	129.400	120.100	5.573	11.100	5.048	1	2.701	

C1851-03 MF3T40S

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:17	105%	37.960	713.800	0.000	226100.000	65250.000	64570.000	64640.000	1650.000
2	18:14:25	105%	37.910	710.100	0.000	226800.000	65500.000	64440.000	63810.000	1636.000
3	18:15:33	104%	38.040	717.800	0.000	227500.000	66000.000	64420.000	64240.000	1662.000
X		105%	37.970	713.900	0.000	226800.000	65580.000	64480.000	64230.000	1650.000
σ		0%	0.065	3.885	0.000	697.900	384.400	81.650	413.300	13.080
%RSD		0	0.172	0.544	0.000	0.308	0.586	0.127	0.643	0.793
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:17	20120.000	-14.070	0.000	0.000	8121.000	276600.000	286300.000	101%	1.883
2	18:14:25	20320.000	-15.080	0.000	0.000	8193.000	275700.000	284800.000	101%	1.627
3	18:15:33	20370.000	-12.700	0.000	0.000	8165.000	277800.000	282300.000	102%	1.496
X		20270.000	-13.950	0.000	0.000	8159.000	276700.000	284500.000	101%	1.669
σ		135.800	1.193	0.000	0.000	36.210	1053.000	2045.000	0%	0.197
%RSD		0.670	8.552	0.000	0.000	0.444	0.380	0.719	0	11.780
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:17	451.900	166.900	207.500	861.400	436.000	883.600	1519.000	427.300	416.300
2	18:14:25	450.600	166.200	223.200	867.100	437.200	880.900	1488.000	427.000	412.300
3	18:15:33	446.600	163.700	228.700	870.700	434.000	884.800	1489.000	426.900	415.100
X		449.700	165.600	219.800	866.400	435.700	883.100	1499.000	427.100	414.600
σ		2.756	1.684	10.960	4.696	1.598	2.008	17.740	0.174	2.041
%RSD		0.613	1.017	4.986	0.542	0.367	0.227	1.184	0.041	0.492
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:17	213.600	213.700	435.200	46.190	31.270	0.992	28.050	31.620	-1.465
2	18:14:25	213.500	215.200	434.300	47.970	34.090	0.834	28.020	34.470	3.882
3	18:15:33	212.800	216.100	438.000	43.860	30.100	1.393	27.970	30.430	2.826
X		213.300	215.000	435.800	46.010	31.820	1.073	28.010	32.180	1.748
σ		0.441	1.205	1.982	2.062	2.054	0.288	0.041	2.077	2.832
%RSD		0.207	0.560	0.455	4.481	6.454	26.850	0.146	6.456	162.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:17	-4.263	0.914	0.912	0.961	0.829	0.001	84%	48.220	45.430
2	18:14:25	-2.319	0.938	0.915	0.881	1.076	-0.003	84%	49.580	46.690
3	18:15:33	-3.838	0.867	0.805	1.104	0.802	0.001	84%	54.730	45.840
X		-3.473	0.906	0.877	0.982	0.903	-0.000	84%	50.840	45.990
σ		1.022	0.036	0.063	0.113	0.151	0.002	0%	3.435	0.645
%RSD		29.430	3.981	7.146	11.520	16.740	1626.000	0	6.756	1.402
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:13:17	1.332	48.100	45.810	48.240	0.069	98.570	1947.000	1923.000	93%
2	18:14:25	-0.312	49.450	46.170	50.870	0.051	99.480	1942.000	1960.000	93%
3	18:15:33	-0.911	54.600	45.620	48.550	-0.009	99.230	1932.000	1947.000	94%
X		0.036	50.720	45.870	49.220	0.037	99.090	1940.000	1944.000	93%
σ		1.161	3.428	0.281	1.434	0.041	0.472	7.726	18.700	0%
%RSD		3201.000	6.760	0.614	2.913	110.700	0.477	0.398	0.962	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:13:17	94%	46.320	46.800	21.010	19.340	19.930	88%	11.260	
2	18:14:25	93%	47.220	48.040	20.990	19.400	20.170	87%	11.550	
3	18:15:33	94%	47.120	47.720	21.130	19.460	20.210	88%	11.420	
X		94%	46.880	47.520	21.040	19.400	20.100	88%	11.410	
σ		0%	0.490	0.642	0.079	0.059	0.150	0%	0.149	
%RSD		0	1.046	1.351	0.378	0.306	0.748	0	1.307	

C1851-01LX5 MF3T40L 04/29/2011 06:20:03 PM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:11	96%	-0.064	185.600	0.000	52520.000	14970.000	14770.000	14810.000	2.398
2	18:22:19	97%	-0.034	184.900	0.000	51540.000	14620.000	14730.000	14630.000	2.715
3	18:23:27	95%	-0.033	188.900	0.000	52420.000	14820.000	14870.000	14850.000	2.940
X		96%	-0.044	186.500	0.000	52160.000	14800.000	14790.000	14770.000	2.685
σ		1%	0.017	2.133	0.000	536.200	177.500	70.510	116.000	0.272
%RSD		1	39.490	1.144	0.000	1.028	1.199	0.477	0.785	10.140
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:11	4786.000	-3.649	0.000	0.000	1837.000	58440.000	61100.000	97%	0.317
2	18:22:19	4754.000	-7.499	0.000	0.000	1788.000	57370.000	60560.000	97%	0.461
3	18:23:27	4879.000	-7.552	0.000	0.000	1823.000	58080.000	60600.000	97%	0.196
X		4806.000	-6.233	0.000	0.000	1816.000	57960.000	60750.000	97%	0.324
σ		64.970	2.238	0.000	0.000	25.240	547.100	302.200	0%	0.133
%RSD		1.352	35.900	0.000	0.000	1.390	0.944	0.497	0	40.900
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:11	6.007	0.413	75.880	1.294	0.261	2.596	139.200	0.149	0.868
2	18:22:19	5.676	0.398	73.570	0.916	0.242	2.483	143.800	0.138	0.793
3	18:23:27	5.548	0.350	73.270	2.090	0.269	3.270	144.300	0.182	0.762
X		5.743	0.387	74.240	1.433	0.257	2.783	142.400	0.156	0.808
σ		0.237	0.033	1.430	0.599	0.014	0.426	2.838	0.023	0.054
%RSD		4.129	8.467	1.925	41.800	5.400	15.290	1.993	14.800	6.739
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:11	0.929	0.964	5.148	1.430	4.363	0.358	3.220	4.357	1.604
2	18:22:19	0.938	1.008	4.880	1.194	3.888	0.407	3.151	3.885	3.319
3	18:23:27	0.955	1.111	5.361	1.536	3.926	0.348	3.783	3.926	1.673
X		0.941	1.028	5.130	1.387	4.059	0.371	3.385	4.056	2.199
σ		0.013	0.075	0.241	0.175	0.264	0.031	0.347	0.262	0.971
%RSD		1.390	7.332	4.707	12.650	6.505	8.396	10.250	6.449	44.170
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:11	0.178	0.171	0.159	0.124	0.170	-0.003	93%	-1.337	-0.012
2	18:22:19	0.178	0.118	0.083	0.138	0.193	0.000	93%	-0.030	0.015
3	18:23:27	0.215	0.101	0.129	0.157	0.164	0.004	92%	-0.338	0.003
X		0.190	0.130	0.124	0.140	0.175	0.000	93%	-0.569	0.002
σ		0.021	0.037	0.038	0.016	0.015	0.004	1%	0.683	0.013
%RSD		11.170	28.240	31.030	11.770	8.751	715.300	1	120.200	790.700
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:21:11	0.708	-1.345	-0.003	-0.072	0.005	-0.036	6.460	6.853	97%
2	18:22:19	-0.013	-0.038	0.002	0.006	-0.030	-0.024	6.647	6.603	97%
3	18:23:27	0.197	-0.345	0.010	-0.010	-0.026	-0.048	6.449	6.451	96%
X		0.297	-0.576	0.003	-0.025	-0.017	-0.036	6.519	6.636	97%
σ		0.371	0.683	0.007	0.041	0.019	0.012	0.111	0.203	1%
%RSD		124.600	118.700	202.900	163.100	111.500	32.430	1.708	3.060	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:21:11	98%	0.146	0.137	0.144	0.112	0.133	94%	2.150	
2	18:22:19	98%	0.107	0.101	0.155	0.136	0.138	94%	2.124	
3	18:23:27	96%	0.072	0.095	0.124	0.137	0.131	91%	2.083	
X		97%	0.108	0.111	0.141	0.128	0.134	93%	2.119	
σ		1%	0.037	0.023	0.016	0.014	0.004	2%	0.034	
%RSD		1	34.150	20.340	11.050	11.090	2.728	2	1.601	

C1851-04 MF3T41

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:29:04	104%	-0.000	851.600	0.000	221300.000	70390.000	69320.000	69450.000	25.160
2	18:30:12	105%	-0.047	870.200	0.000	221900.000	70840.000	70270.000	70510.000	24.430
3	18:31:20	107%	-0.047	884.900	0.000	222200.000	70860.000	70370.000	69840.000	22.920
X		105%	-0.032	868.900	0.000	221800.000	70700.000	69980.000	69930.000	24.170
σ		1%	0.027	16.680	0.000	447.000	269.300	581.100	535.500	1.139
%RSD		1	85.930	1.920	0.000	0.202	0.381	0.830	0.766	4.713
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:29:04	20990.000	-12.660	0.000	0.000	8662.000	304000.000	311600.000	99%	1.522
2	18:30:12	20910.000	-10.590	0.000	0.000	8651.000	304200.000	313900.000	99%	1.601
3	18:31:20	20810.000	-14.730	0.000	0.000	8690.000	307500.000	312100.000	100%	1.942
X		20910.000	-12.660	0.000	0.000	8668.000	305200.000	312500.000	99%	1.689
σ		92.650	2.068	0.000	0.000	20.280	1985.000	1185.000	0%	0.223
%RSD		0.443	16.340	0.000	0.000	0.234	0.650	0.379	0	13.230
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:29:04	26.220	0.782	169.900	3.175	0.595	17.170	779.900	0.075	4.088
2	18:30:12	26.170	0.709	181.500	2.984	0.566	18.130	774.300	0.077	3.846
3	18:31:20	25.130	0.810	190.500	5.417	0.554	17.090	773.600	0.121	3.859
X		25.840	0.767	180.600	3.859	0.572	17.460	775.900	0.091	3.931
σ		0.614	0.052	10.330	1.353	0.021	0.582	3.434	0.026	0.136
%RSD		2.377	6.817	5.719	35.070	3.708	3.333	0.443	28.570	3.460
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:29:04	8.818	9.574	12.210	6.904	22.560	0.972	18.260	22.890	5.595
2	18:30:12	8.986	9.546	12.280	8.078	25.790	0.822	18.170	26.130	2.749
3	18:31:20	8.830	9.126	12.700	7.499	24.490	0.846	18.580	24.770	-1.298
X		8.878	9.415	12.400	7.493	24.280	0.880	18.340	24.600	2.349
σ		0.094	0.251	0.266	0.587	1.624	0.081	0.217	1.626	3.464
%RSD		1.058	2.664	2.146	7.833	6.689	9.194	1.185	6.611	147.500
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:29:04	7.641	0.488	0.649	0.789	0.603	-0.006	79%	-0.749	0.001
2	18:30:12	2.854	0.727	0.584	0.720	0.590	-0.006	80%	-0.585	0.004
3	18:31:20	0.110	0.578	0.545	0.864	0.586	-0.006	82%	-0.107	-0.013
X		3.535	0.598	0.593	0.791	0.593	-0.006	80%	-0.480	-0.003
σ		3.812	0.121	0.052	0.072	0.009	0.000	2%	0.334	0.009
%RSD		107.800	20.200	8.791	9.097	1.494	0.000	2	69.460	321.000
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:29:04	0.359	-0.763	0.032	-0.038	-0.025	0.011	51.230	50.990	86%
2	18:30:12	0.334	-0.598	0.009	-0.007	-0.009	-0.006	50.280	51.410	87%
3	18:31:20	0.202	-0.118	0.013	-0.000	-0.022	-0.008	52.470	51.000	88%
X		0.298	-0.493	0.018	-0.015	-0.019	-0.001	51.320	51.130	87%
σ		0.084	0.335	0.012	0.020	0.008	0.010	1.097	0.238	1%
%RSD		28.200	67.970	68.080	133.800	45.490	1079.000	2.138	0.466	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:29:04	86%	0.019	0.041	1.488	1.284	1.388	77%	11.220	
2	18:30:12	87%	0.033	0.031	1.318	1.274	1.298	79%	11.190	
3	18:31:20	89%	0.013	0.019	1.369	1.298	1.291	82%	11.090	
X		87%	0.022	0.030	1.392	1.285	1.326	79%	11.170	
σ		1%	0.010	0.011	0.087	0.012	0.054	2%	0.067	
%RSD		2	47.830	34.920	6.251	0.959	4.109	3	0.596	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:59	98%	-0.054	784.000	0.000	207400.000	63360.000	62700.000	62810.000	0.828
2	18:38:07	101%	-0.055	768.800	0.000	204600.000	62980.000	61720.000	61580.000	0.651
3	18:39:16	102%	-0.074	781.600	0.000	204100.000	62830.000	62550.000	62520.000	1.144
X		100%	-0.061	778.100	0.000	205400.000	63050.000	62320.000	62300.000	0.874
σ		2%	0.011	8.166	0.000	1757.000	272.500	530.200	640.700	0.250
%RSD		2	18.630	1.049	0.000	0.856	0.432	0.851	1.028	28.610
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:59	21160.000	-10.270	0.000	0.000	8041.000	283100.000	289100.000	99%	0.984
2	18:38:07	21160.000	-11.910	0.000	0.000	7886.000	282600.000	288000.000	100%	1.664
3	18:39:16	20910.000	-14.920	0.000	0.000	7934.000	284400.000	287100.000	101%	1.537
X		21080.000	-12.360	0.000	0.000	7953.000	283400.000	288100.000	100%	1.395
σ		145.300	2.358	0.000	0.000	79.430	930.700	966.700	1%	0.361
%RSD		0.689	19.070	0.000	0.000	0.999	0.329	0.336	1	25.900
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:59	27.950	2.887	184.300	-1.042	0.406	11.170	691.700	-0.059	2.457
2	18:38:07	27.250	2.582	196.100	0.931	0.420	11.080	689.300	-0.095	2.357
3	18:39:16	26.610	2.814	202.600	-2.125	0.475	11.190	699.000	-0.115	2.565
X		27.270	2.761	194.300	-0.745	0.434	11.150	693.300	-0.090	2.460
σ		0.669	0.159	9.266	1.550	0.036	0.056	5.070	0.028	0.104
%RSD		2.453	5.756	4.768	207.900	8.405	0.503	0.731	31.730	4.222
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:59	1.724	1.863	11.340	7.642	26.390	0.974	19.370	26.690	2.897
2	18:38:07	1.739	2.076	11.890	7.204	23.330	1.068	20.060	23.590	4.250
3	18:39:16	1.795	1.844	11.320	8.387	26.850	0.794	19.470	27.180	-0.113
X		1.753	1.927	11.520	7.744	25.520	0.945	19.640	25.820	2.345
σ		0.037	0.129	0.322	0.599	1.914	0.139	0.374	1.949	2.233
%RSD		2.130	6.680	2.800	7.729	7.501	14.720	1.905	7.547	95.230
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:59	4.717	1.151	0.926	0.978	0.935	-0.006	82%	0.568	-0.011
2	18:38:07	1.837	0.910	0.938	1.220	0.892	-0.003	83%	-0.100	-0.005
3	18:39:16	5.071	1.101	0.960	1.161	0.889	-0.006	83%	-0.061	0.001
X		3.875	1.054	0.941	1.120	0.906	-0.005	83%	0.135	-0.005
σ		1.774	0.127	0.017	0.126	0.025	0.002	1%	0.375	0.006
%RSD		45.780	12.060	1.805	11.240	2.810	42.630	1	276.900	113.400
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:36:59	-0.198	0.551	0.015	0.036	-0.007	-0.023	65.370	67.680	90%
2	18:38:07	0.027	-0.116	0.004	0.018	-0.009	-0.031	65.460	65.150	91%
3	18:39:16	0.065	-0.077	-0.007	0.048	-0.008	-0.013	66.410	66.210	91%
X		-0.035	0.120	0.004	0.034	-0.008	-0.022	65.750	66.350	91%
σ		0.142	0.374	0.011	0.015	0.001	0.009	0.574	1.271	1%
%RSD		404.500	313.200	260.800	45.580	14.850	41.100	0.872	1.915	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:36:59	89%	0.011	-0.007	0.482	0.419	0.451	84%	10.110	
2	18:38:07	91%	-0.009	0.002	0.447	0.456	0.453	84%	10.140	
3	18:39:16	91%	-0.006	-0.007	0.451	0.432	0.447	85%	10.140	
X		91%	-0.001	-0.004	0.460	0.436	0.450	84%	10.130	
σ		1%	0.011	0.005	0.019	0.019	0.003	0%	0.020	
%RSD		1	757.700	124.100	4.121	4.328	0.747	1	0.194	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:44:55	96%	-0.054	53.190	0.000	10800.000	3094.000	3057.000	3118.000	0.011
2	18:46:03	96%	-0.023	51.510	0.000	10860.000	3136.000	3101.000	3138.000	-0.030
3	18:47:10	101%	-0.017	52.630	0.000	10640.000	3080.000	3034.000	3054.000	0.037
X		98%	-0.031	52.440	0.000	10770.000	3103.000	3064.000	3103.000	0.006
σ		3%	0.020	0.854	0.000	115.400	29.440	34.390	44.080	0.034
%RSD		3	63.320	1.627	0.000	1.072	0.949	1.123	1.420	542.300
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:44:55	967.100	-4.047	0.000	0.000	373.900	12260.000	12630.000	96%	-0.133
2	18:46:03	976.500	-1.347	0.000	0.000	374.200	12240.000	12530.000	98%	0.014
3	18:47:10	969.600	-2.657	0.000	0.000	362.800	11890.000	12400.000	99%	-0.017
X		971.100	-2.683	0.000	0.000	370.300	12130.000	12520.000	98%	-0.045
σ		4.850	1.350	0.000	0.000	6.447	207.900	113.500	1%	0.077
%RSD		0.499	50.320	0.000	0.000	1.741	1.713	0.906	1	170.700
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:44:55	1.243	0.275	54.280	3.550	0.093	2.034	29.120	-0.013	0.168
2	18:46:03	0.566	0.181	52.990	2.290	0.103	1.308	24.620	-0.014	0.194
3	18:47:10	0.450	0.186	50.930	1.998	0.080	1.396	25.000	-0.012	0.200
X		0.753	0.214	52.740	2.613	0.092	1.579	26.250	-0.013	0.188
σ		0.428	0.053	1.689	0.825	0.012	0.396	2.495	0.001	0.017
%RSD		56.880	24.580	3.203	31.580	12.880	25.090	9.504	6.093	9.136
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:44:55	0.181	0.314	2.085	0.358	0.711	0.279	0.984	0.709	0.873
2	18:46:03	0.187	0.284	1.898	-0.293	0.219	0.394	0.677	0.219	0.498
3	18:47:10	0.162	0.283	2.189	-0.168	0.698	0.317	0.752	0.697	4.205
X		0.177	0.294	2.057	-0.034	0.543	0.330	0.804	0.542	1.859
σ		0.013	0.017	0.148	0.345	0.281	0.059	0.160	0.280	2.040
%RSD		7.539	5.946	7.185	1015.000	51.710	17.740	19.860	51.640	109.800
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:44:55	-0.018	0.017	-0.016	-0.015	0.002	-0.003	95%	-0.472	-0.033
2	18:46:03	0.007	0.031	-0.020	-0.030	-0.018	0.004	95%	-0.199	-0.040
3	18:47:10	-0.019	-0.016	-0.020	-0.038	-0.004	0.000	95%	-0.855	-0.034
X		-0.010	0.010	-0.019	-0.028	-0.007	0.000	95%	-0.509	-0.036
σ		0.014	0.024	0.003	0.012	0.010	0.003	0%	0.330	0.004
%RSD		144.200	233.900	14.250	42.160	157.000	1097.000	0	64.810	11.390
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:44:55	0.212	-0.475	-0.022	-0.036	0.043	-0.100	1.109	1.041	96%
2	18:46:03	0.121	-0.201	-0.022	-0.020	0.045	-0.089	1.072	1.133	96%
3	18:47:10	0.408	-0.859	-0.019	-0.052	0.062	-0.089	1.307	1.201	97%
X		0.247	-0.512	-0.021	-0.036	0.050	-0.093	1.163	1.125	96%
σ		0.147	0.331	0.002	0.016	0.010	0.006	0.127	0.080	0%
%RSD		59.390	64.630	8.499	43.220	20.720	6.880	10.900	7.125	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:44:55	96%	-0.012	-0.018	0.028	0.038	0.039	94%	0.408	
2	18:46:03	97%	-0.017	-0.019	0.038	0.038	0.037	95%	0.407	
3	18:47:10	97%	-0.018	-0.016	0.020	0.037	0.027	96%	0.398	
X		96%	-0.015	-0.017	0.029	0.038	0.034	95%	0.405	
σ		0%	0.003	0.001	0.009	0.001	0.006	1%	0.006	
%RSD		0	21.660	7.940	32.520	2.227	18.760	2	1.416	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:50	98%	-0.064	40.780	0.000	10580.000	3078.000	3055.000	3066.000	0.092
2	18:53:58	100%	-0.074	38.390	0.000	10460.000	3021.000	2978.000	3010.000	0.167
3	18:55:06	98%	-0.035	45.950	0.000	10600.000	3071.000	3060.000	3063.000	0.181
X		99%	-0.058	41.710	0.000	10550.000	3057.000	3031.000	3047.000	0.146
σ		1%	0.020	3.863	0.000	71.730	31.120	45.600	31.320	0.048
%RSD		1	35.370	9.261	0.000	0.680	1.018	1.504	1.028	32.450
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:50	949.000	-7.260	0.000	0.000	367.700	11910.000	12630.000	99%	-0.134
2	18:53:58	951.900	-4.873	0.000	0.000	355.100	11890.000	12350.000	100%	0.010
3	18:55:06	972.100	-4.830	0.000	0.000	368.700	12100.000	12590.000	99%	0.040
X		957.700	-5.654	0.000	0.000	363.900	11960.000	12530.000	99%	-0.028
σ		12.560	1.391	0.000	0.000	7.554	115.400	150.600	1%	0.093
%RSD		1.312	24.600	0.000	0.000	2.076	0.965	1.203	1	332.500
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:50	1.080	0.143	41.220	2.449	0.030	1.249	24.970	-0.024	0.215
2	18:53:58	1.203	0.130	39.790	1.044	0.061	1.319	26.180	-0.019	0.152
3	18:55:06	0.728	0.160	40.680	1.773	0.013	1.139	26.900	-0.021	0.226
X		1.004	0.144	40.560	1.755	0.035	1.236	26.020	-0.021	0.198
σ		0.246	0.015	0.723	0.702	0.024	0.091	0.975	0.002	0.040
%RSD		24.550	10.510	1.783	40.010	70.870	7.335	3.748	11.420	20.190
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:50	0.146	0.190	2.300	0.205	0.399	0.237	0.341	0.398	1.536
2	18:53:58	0.210	0.192	1.922	-0.023	0.426	0.262	0.834	0.425	2.771
3	18:55:06	0.202	0.205	2.194	0.214	0.355	0.242	0.614	0.354	1.961
X		0.186	0.196	2.139	0.132	0.393	0.247	0.596	0.392	2.089
σ		0.035	0.008	0.195	0.135	0.036	0.013	0.247	0.036	0.628
%RSD		18.770	4.228	9.128	102.100	9.095	5.280	41.360	9.089	30.050
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:50	0.006	-0.007	-0.025	0.050	-0.010	-0.003	96%	-0.050	-0.037
2	18:53:58	-0.020	0.019	-0.000	-0.010	0.006	-0.006	98%	0.419	-0.036
3	18:55:06	-0.028	-0.026	-0.038	-0.068	0.023	-0.006	98%	-0.957	-0.037
X		-0.014	-0.005	-0.021	-0.010	0.006	-0.005	97%	-0.196	-0.037
σ		0.018	0.023	0.019	0.059	0.016	0.002	1%	0.699	0.001
%RSD		123.700	466.300	90.770	621.600	252.700	36.120	1	356.200	2.239
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	18:52:50	0.045	-0.053	-0.028	-0.024	-0.013	-0.092	1.249	1.117	98%
2	18:53:58	-0.195	0.415	-0.024	0.002	-0.026	-0.094	1.097	1.287	100%
3	18:55:06	0.461	-0.963	-0.024	-0.070	-0.039	-0.099	1.263	1.100	101%
X		0.104	-0.200	-0.025	-0.031	-0.026	-0.095	1.203	1.168	100%
σ		0.332	0.700	0.003	0.036	0.013	0.003	0.092	0.103	2%
%RSD		320.700	349.500	10.370	117.000	50.350	3.513	7.641	8.851	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	18:52:50	98%	-0.019	-0.019	0.008	-0.002	0.012	97%	0.409	
2	18:53:58	100%	-0.024	-0.019	0.021	0.029	0.023	99%	0.410	
3	18:55:06	101%	-0.022	-0.022	-0.005	0.004	0.013	100%	0.415	
X		99%	-0.022	-0.020	0.008	0.010	0.016	99%	0.411	
σ		2%	0.002	0.002	0.013	0.017	0.006	1%	0.003	
%RSD		2	11.260	9.683	172.000	163.100	39.610	1	0.811	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:00:46	99%	1.864	40.850	0.000	10510.000	3082.000	3009.000	3012.000	79.190
2	19:01:54	99%	1.911	39.100	0.000	10530.000	3035.000	3001.000	3049.000	78.860
3	19:03:02	100%	1.679	35.040	0.000	10360.000	3015.000	2983.000	3042.000	79.200
X		99%	1.818	38.330	0.000	10470.000	3044.000	2998.000	3034.000	79.080
σ		1%	0.123	2.985	0.000	95.290	34.650	13.300	19.570	0.193
%RSD		1	6.759	7.787	0.000	0.910	1.138	0.444	0.645	0.244
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:00:46	951.900	-0.509	0.000	0.000	357.800	11860.000	12450.000	98%	-0.075
2	19:01:54	938.700	-4.980	0.000	0.000	353.800	11830.000	12320.000	98%	0.013
3	19:03:02	947.100	-7.117	0.000	0.000	352.200	11760.000	12330.000	98%	0.221
X		945.900	-4.202	0.000	0.000	354.600	11810.000	12370.000	98%	0.053
σ		6.663	3.372	0.000	0.000	2.902	51.610	74.920	0%	0.152
%RSD		0.704	80.240	0.000	0.000	0.818	0.437	0.606	0	284.600
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:00:46	20.240	7.665	35.900	39.120	18.970	39.620	63.870	18.590	18.500
2	19:01:54	18.850	7.101	36.710	41.120	18.990	38.540	66.030	18.760	18.880
3	19:03:02	19.920	7.559	36.000	38.970	18.880	39.190	64.270	18.620	19.130
X		19.670	7.441	36.210	39.740	18.950	39.120	64.720	18.660	18.840
σ		0.730	0.299	0.441	1.198	0.058	0.545	1.146	0.087	0.321
%RSD		3.711	4.024	1.217	3.015	0.305	1.393	1.771	0.468	1.704
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:00:46	9.649	10.010	20.080	1.949	1.151	0.160	0.734	1.149	-0.065
2	19:01:54	9.993	9.594	19.960	1.753	1.342	0.196	1.394	1.341	0.557
3	19:03:02	9.325	9.447	20.270	1.364	-0.153	0.290	1.553	-0.152	4.369
X		9.656	9.683	20.100	1.689	0.780	0.215	1.227	0.779	1.620
σ		0.334	0.291	0.154	0.297	0.814	0.067	0.434	0.812	2.401
%RSD		3.459	3.004	0.768	17.620	104.300	31.120	35.400	104.300	148.200
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:00:46	-0.018	-0.007	0.002	0.007	-0.012	0.004	95%	1.598	1.706
2	19:01:54	-0.018	0.008	0.002	-0.045	0.008	0.011	94%	2.225	1.761
3	19:03:02	0.024	-0.002	-0.011	-0.022	-0.006	-0.003	94%	1.085	1.831
X		-0.004	-0.000	-0.003	-0.020	-0.003	0.004	95%	1.636	1.766
σ		0.024	0.007	0.007	0.026	0.010	0.007	0%	0.571	0.062
%RSD		620.200	2145.000	295.600	131.100	298.400	181.600	1	34.920	3.528
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:00:46	0.205	1.600	1.879	1.756	-0.033	3.730	75.850	76.120	95%
2	19:01:54	-0.006	2.225	1.754	1.912	-0.039	3.732	73.610	76.420	96%
3	19:03:02	0.783	1.087	1.816	1.754	-0.052	3.734	76.400	75.030	94%
X		0.328	1.637	1.817	1.807	-0.041	3.732	75.290	75.860	95%
σ		0.409	0.570	0.063	0.090	0.010	0.002	1.475	0.730	1%
%RSD		124.700	34.810	3.458	5.002	23.670	0.054	1.960	0.963	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	19:00:46	96%	1.883	1.820	0.698	0.722	0.741	93%	0.398	
2	19:01:54	95%	1.790	1.808	0.761	0.713	0.744	94%	0.402	
3	19:03:02	93%	1.827	1.846	0.800	0.733	0.756	91%	0.373	
X		95%	1.833	1.825	0.753	0.722	0.747	93%	0.391	
σ		1%	0.047	0.019	0.051	0.010	0.008	1%	0.016	
%RSD		1	2.556	1.047	6.797	1.403	1.038	2	4.070	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:08:42	99%	-0.074	12.750	0.000	2091.000	614.300	618.800	631.300	0.380
2	19:09:50	101%	-0.017	11.410	0.000	2058.000	610.600	609.500	626.400	0.356
3	19:10:58	100%	-0.016	11.750	0.000	2104.000	616.500	624.500	617.200	0.356
X		100%	-0.036	11.970	0.000	2084.000	613.800	617.600	625.000	0.364
σ		1%	0.033	0.696	0.000	23.830	2.970	7.563	7.198	0.014
%RSD		1	93.600	5.810	0.000	1.143	0.484	1.225	1.152	3.776
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:08:42	194.400	-4.146	0.000	0.000	58.970	2301.000	2495.000	99%	-0.046
2	19:09:50	192.300	-3.447	0.000	0.000	57.970	2448.000	2523.000	98%	-0.016
3	19:10:58	198.800	-7.546	0.000	0.000	60.480	2479.000	2493.000	98%	0.015
X		195.200	-5.046	0.000	0.000	59.140	2409.000	2504.000	98%	-0.016
σ		3.330	2.192	0.000	0.000	1.266	95.160	16.670	1%	0.030
%RSD		1.706	43.450	0.000	0.000	2.141	3.950	0.666	1	192.200
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:08:42	0.010	0.052	28.080	0.420	0.017	2.825	8.336	-0.002	0.038
2	19:09:50	0.044	0.091	27.720	3.847	0.024	3.224	10.190	0.002	0.098
3	19:10:58	-0.047	0.098	26.960	2.157	0.004	3.519	7.432	-0.008	0.068
X		0.002	0.080	27.590	2.141	0.015	3.189	8.654	-0.003	0.068
σ		0.046	0.025	0.571	1.714	0.010	0.348	1.408	0.005	0.030
%RSD		2240.000	30.910	2.071	80.020	65.050	10.910	16.270	180.300	44.490
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:08:42	0.058	0.087	0.967	-0.127	-0.266	0.184	0.648	-0.265	3.217
2	19:09:50	0.035	0.031	1.160	-0.125	-0.340	0.175	0.399	-0.339	1.729
3	19:10:58	0.028	0.019	0.916	-0.075	0.366	0.162	0.985	0.366	-1.267
X		0.040	0.046	1.014	-0.109	-0.080	0.173	0.677	-0.079	1.226
σ		0.016	0.036	0.129	0.029	0.388	0.011	0.294	0.387	2.284
%RSD		39.120	79.430	12.710	26.820	487.100	6.415	43.390	488.100	186.200
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:08:42	-0.043	-0.039	-0.033	-0.037	-0.032	0.007	94%	0.979	-0.031
2	19:09:50	-0.035	-0.044	-0.046	-0.052	-0.006	-0.003	94%	-0.942	-0.036
3	19:10:58	-0.035	-0.044	-0.029	-0.060	-0.032	0.000	96%	0.908	-0.037
X		-0.037	-0.043	-0.036	-0.050	-0.023	0.002	95%	0.315	-0.035
σ		0.005	0.003	0.009	0.012	0.015	0.005	1%	1.089	0.003
%RSD		12.100	6.564	24.820	23.940	63.440	351.300	1	345.900	9.604
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:08:42	-0.484	0.983	-0.017	0.033	-0.021	-0.093	0.230	0.244	93%
2	19:09:50	0.451	-0.942	-0.027	-0.068	-0.009	-0.084	0.144	0.230	93%
3	19:10:58	-0.449	0.912	-0.024	0.030	-0.029	-0.100	0.212	0.091	95%
X		-0.161	0.318	-0.022	-0.002	-0.020	-0.092	0.196	0.188	94%
σ		0.530	1.091	0.005	0.057	0.010	0.008	0.045	0.085	1%
%RSD		329.500	343.500	21.840	3557.000	51.780	8.896	23.230	44.990	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	19:08:42	92%	-0.012	-0.014	-0.019	-0.029	-0.019	91%	0.057	
2	19:09:50	93%	-0.023	-0.020	-0.027	-0.015	-0.019	92%	0.062	
3	19:10:58	94%	-0.015	-0.020	-0.023	-0.019	-0.019	93%	0.053	
X		93%	-0.017	-0.018	-0.023	-0.021	-0.019	92%	0.058	
σ		1%	0.005	0.004	0.004	0.008	0.000	1%	0.005	
%RSD		1	31.500	20.340	17.140	35.770	2.058	1	8.055	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:16:37	92%	498.700	478.600	0.000	51330.000	51680.000	51150.000	51380.000	10250.000
2	19:17:45	94%	467.800	457.200	0.000	48690.000	48500.000	48790.000	48770.000	9712.000
3	19:18:53	91%	500.500	481.100	0.000	50470.000	50660.000	50790.000	50550.000	10080.000
X		92%	489.000	472.300	0.000	50160.000	50280.000	50240.000	50240.000	10010.000
σ		2%	18.380	13.120	0.000	1343.000	1621.000	1274.000	1332.000	273.700
%RSD		2	3.759	2.778	0.000	2.678	3.223	2.536	2.651	2.734
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:16:37	521.200	10080.000	0.000	0.000	26310.000	53700.000	50320.000	89%	507.000
2	19:17:45	499.400	9611.000	0.000	0.000	24900.000	49610.000	47500.000	91%	483.800
3	19:18:53	522.700	9842.000	0.000	0.000	25190.000	49200.000	48830.000	92%	491.700
X		514.400	9846.000	0.000	0.000	25470.000	50840.000	48880.000	91%	494.200
σ		13.040	236.500	0.000	0.000	739.600	2489.000	1413.000	1%	11.770
%RSD		2.536	2.402	0.000	0.000	2.904	4.896	2.890	2	2.383
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:16:37	505.400	508.800	37.550	26330.000	1034.000	26060.000	25920.000	506.500	503.700
2	19:17:45	479.800	482.300	37.460	25400.000	987.800	24790.000	24560.000	480.800	486.000
3	19:18:53	490.500	489.400	33.510	25320.000	991.600	25200.000	25230.000	488.400	482.600
X		491.900	493.500	36.170	25680.000	1004.000	25350.000	25240.000	491.900	490.800
σ		12.880	13.720	2.309	561.100	25.450	647.100	679.400	13.230	11.370
%RSD		2.618	2.781	6.383	2.185	2.534	2.553	2.692	2.689	2.316
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:16:37	1012.000	1010.000	1017.000	509.400	512.400	-2.052	502.600	511.500	0.007
2	19:17:45	967.600	968.800	982.100	489.500	500.700	-1.638	492.800	500.400	-1.411
3	19:18:53	989.700	981.100	989.400	490.600	487.200	-0.719	486.500	487.300	3.610
X		989.800	986.800	996.200	496.500	500.100	-1.470	494.000	499.700	0.735
σ		22.190	21.370	18.510	11.160	12.620	0.682	8.086	12.140	2.588
%RSD		2.242	2.165	1.858	2.248	2.523	46.430	1.637	2.429	352.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:16:37	509.000	497.800	505.100	504.100	506.900	-0.006	86%	504.600	508.200
2	19:17:45	485.700	491.300	486.400	495.300	483.400	-0.006	87%	501.400	495.300
3	19:18:53	496.000	495.100	497.300	497.600	498.600	0.001	87%	501.300	510.100
X		496.900	494.700	496.300	499.000	496.300	-0.004	87%	502.400	504.600
σ		11.680	3.258	9.420	4.548	11.890	0.004	1%	1.857	8.040
%RSD		2.351	0.658	1.898	0.911	2.395	107.000	1	0.370	1.593
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:16:37	14.370	504.600	509.200	509.400	506.400	510.200	2547.000	2555.000	90%
2	19:17:45	5.912	501.100	494.200	493.500	485.800	494.000	2446.000	2446.000	93%
3	19:18:53	11.400	501.200	500.000	502.500	507.500	500.200	2508.000	2495.000	91%
X		10.560	502.300	501.100	501.800	499.900	501.500	2500.000	2499.000	91%
σ		4.290	1.988	7.537	7.972	12.240	8.172	50.860	54.350	1%
%RSD		40.630	0.396	1.504	1.589	2.449	1.630	2.034	2.175	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	19:16:37	91%	509.600	504.700	501.900	506.600	508.700	87%	520.700	
2	19:17:45	93%	484.700	492.600	491.900	492.500	489.800	89%	488.600	
3	19:18:53	92%	494.500	495.400	494.300	493.300	496.200	90%	503.500	
X		92%	496.300	497.600	496.000	497.500	498.200	89%	504.300	
σ		1%	12.530	6.329	5.250	7.918	9.638	2%	16.030	
%RSD		1	2.526	1.272	1.058	1.592	1.935	2	3.179	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:30	93%	0.207	7.806	0.000	5.540	23.980	23.180	24.170	3.525
2	19:25:38	96%	0.239	5.748	0.000	-15.050	17.430	18.660	18.560	3.214
3	19:26:46	94%	0.102	3.683	0.000	-20.890	10.600	11.070	9.654	1.813
X		94%	0.183	5.745	0.000	-10.130	17.340	17.640	17.460	2.851
σ		1%	0.072	2.061	0.000	13.880	6.689	6.122	7.321	0.912
%RSD		2	39.270	35.880	0.000	137.000	38.590	34.710	41.930	31.990
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:30	0.389	5.213	0.000	0.000	10.400	37.300	31.350	93%	0.212
2	19:25:38	-0.675	-0.668	0.000	0.000	-2.390	27.680	24.140	93%	0.368
3	19:26:46	0.410	0.971	0.000	0.000	-2.084	15.040	11.520	92%	-0.099
X		0.041	1.838	0.000	0.000	1.976	26.670	22.340	93%	0.160
σ		0.621	3.035	0.000	0.000	7.299	11.160	10.040	0%	0.237
%RSD		1505.000	165.100	0.000	0.000	369.300	41.850	44.930	1	148.200
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:30	-0.390	0.202	27.360	11.500	0.465	9.138	13.280	0.223	0.257
2	19:25:38	-0.783	0.191	27.260	9.667	0.299	8.479	8.572	0.195	0.209
3	19:26:46	0.158	0.152	24.980	7.412	0.180	5.174	9.106	0.095	0.086
X		-0.338	0.181	26.530	9.526	0.315	7.597	10.320	0.171	0.184
σ		0.473	0.026	1.347	2.048	0.143	2.124	2.576	0.067	0.088
%RSD		139.800	14.420	5.075	21.500	45.470	27.960	24.960	39.190	47.990
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:30	0.394	0.432	0.374	0.090	0.006	0.136	0.477	0.006	2.514
2	19:25:38	0.402	0.256	0.296	0.415	-0.228	0.082	0.407	-0.227	0.304
3	19:26:46	0.201	0.175	0.202	0.217	-0.385	0.064	-0.028	-0.384	3.212
X		0.332	0.288	0.291	0.241	-0.202	0.094	0.285	-0.201	2.010
σ		0.113	0.132	0.086	0.164	0.197	0.038	0.274	0.196	1.518
%RSD		34.120	45.810	29.590	68.130	97.290	40.150	95.910	97.420	75.520
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:30	0.306	0.352	0.359	0.300	0.384	0.004	91%	0.236	0.332
2	19:25:38	0.224	0.260	0.255	0.218	0.265	0.004	93%	-0.646	0.202
3	19:26:46	0.160	0.202	0.110	0.122	0.155	-0.006	91%	0.259	0.106
X		0.230	0.271	0.241	0.213	0.268	0.001	92%	-0.050	0.213
σ		0.073	0.076	0.125	0.089	0.114	0.006	1%	0.516	0.113
%RSD		31.840	27.850	51.820	41.730	42.660	1084.000	1	1028.000	53.070
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:24:30	0.004	0.236	0.351	0.315	0.417	0.475	1.272	1.082	91%
2	19:25:38	0.609	-0.646	0.182	0.095	0.271	0.410	0.898	0.844	92%
3	19:26:46	-0.110	0.256	0.119	0.132	0.249	0.234	0.499	0.402	93%
X		0.168	-0.051	0.218	0.180	0.312	0.373	0.890	0.776	92%
σ		0.387	0.515	0.120	0.118	0.092	0.125	0.387	0.345	1%
%RSD		230.200	1003.000	55.220	65.160	29.350	33.460	43.500	44.450	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	19:24:30	92%	0.313	0.327	0.240	0.240	0.229	93%	0.206	
2	19:25:38	93%	0.221	0.214	0.159	0.176	0.174	93%	0.151	
3	19:26:46	93%	0.105	0.096	0.091	0.106	0.101	92%	0.098	
X		92%	0.213	0.212	0.163	0.174	0.168	93%	0.152	
σ		1%	0.104	0.116	0.075	0.067	0.064	1%	0.054	
%RSD		1	48.820	54.540	45.760	38.500	38.250	1	35.760	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:32:24	97%	0.056	45.880	0.000	10340.000	3381.000	3350.000	3402.000	1.975
2	19:33:32	98%	0.075	46.550	0.000	10350.000	3378.000	3320.000	3371.000	2.341
3	19:34:40	98%	0.114	47.370	0.000	10310.000	3349.000	3345.000	3373.000	2.430
X		97%	0.082	46.600	0.000	10330.000	3369.000	3338.000	3382.000	2.249
σ		0%	0.030	0.749	0.000	22.270	17.290	15.740	17.010	0.241
%RSD		0	36.150	1.608	0.000	0.216	0.513	0.472	0.503	10.720
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:32:24	936.800	1.045	0.000	0.000	395.200	13530.000	13860.000	92%	0.121
2	19:33:32	947.300	1.407	0.000	0.000	391.100	13550.000	13940.000	94%	0.147
3	19:34:40	937.600	-1.771	0.000	0.000	390.300	13660.000	13900.000	95%	0.388
X		940.600	0.227	0.000	0.000	392.200	13580.000	13900.000	94%	0.219
σ		5.821	1.739	0.000	0.000	2.642	67.380	38.140	1%	0.147
%RSD		0.619	766.500	0.000	0.000	0.674	0.496	0.274	1	67.250
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:32:24	0.751	0.169	30.870	5.370	0.234	6.863	40.680	0.084	0.389
2	19:33:32	1.309	0.237	30.470	6.547	0.245	8.473	48.420	0.082	0.317
3	19:34:40	1.044	0.246	30.320	8.394	0.260	9.124	47.560	0.107	0.353
X		1.035	0.218	30.550	6.771	0.247	8.153	45.550	0.091	0.353
σ		0.279	0.042	0.280	1.524	0.013	1.164	4.243	0.014	0.036
%RSD		26.940	19.320	0.917	22.510	5.303	14.270	9.314	15.590	10.190
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:32:24	0.620	0.610	1.700	0.690	1.238	0.068	0.592	1.236	0.266
2	19:33:32	0.633	0.667	1.342	0.451	1.087	0.090	0.369	1.084	1.509
3	19:34:40	0.590	0.646	1.504	0.263	0.703	0.125	1.019	0.703	1.869
X		0.615	0.641	1.515	0.468	1.009	0.094	0.660	1.007	1.215
σ		0.022	0.029	0.179	0.214	0.276	0.029	0.330	0.275	0.841
%RSD		3.595	4.474	11.820	45.720	27.340	30.780	49.990	27.260	69.230
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:32:24	0.136	0.131	0.108	0.085	0.134	-0.003	89%	-0.495	0.046
2	19:33:32	0.139	0.126	0.126	0.080	0.144	-0.003	92%	0.265	0.071
3	19:34:40	0.080	0.113	0.146	0.074	0.125	0.001	91%	0.484	0.042
X		0.119	0.123	0.126	0.080	0.134	-0.002	91%	0.085	0.053
σ		0.033	0.009	0.019	0.005	0.009	0.002	1%	0.514	0.016
%RSD		27.960	7.520	15.060	6.857	6.930	118.000	1	607.400	29.470
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:32:24	0.224	-0.499	0.088	0.072	0.134	0.123	2.323	2.443	91%
2	19:33:32	-0.065	0.267	0.075	0.132	0.095	0.092	2.770	2.439	91%
3	19:34:40	-0.279	0.484	0.067	0.176	0.116	0.102	2.551	2.627	91%
X		-0.040	0.084	0.077	0.127	0.115	0.106	2.548	2.503	91%
σ		0.252	0.516	0.011	0.052	0.020	0.016	0.223	0.108	0%
%RSD		628.800	614.100	14.010	41.160	17.010	15.120	8.757	4.301	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	19:32:24	91%	0.149	0.146	0.144	0.147	0.159	88%	0.511	
2	19:33:32	90%	0.135	0.135	0.164	0.180	0.169	89%	0.546	
3	19:34:40	91%	0.101	0.108	0.167	0.155	0.175	88%	0.529	
X		91%	0.128	0.129	0.158	0.161	0.168	88%	0.528	
σ		0%	0.025	0.019	0.013	0.017	0.008	0%	0.018	
%RSD		0	19.430	14.980	7.911	10.550	4.753	1	3.312	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:40:18	100%	0.080	36.410	0.000	9190.000	2877.000	2861.000	2855.000	0.933
2	19:41:26	100%	-0.016	33.970	0.000	9241.000	2895.000	2876.000	2892.000	0.741
3	19:42:34	100%	-0.045	31.590	0.000	9299.000	2903.000	2906.000	2925.000	0.798
X		100%	0.006	33.990	0.000	9243.000	2892.000	2881.000	2891.000	0.824
σ		0%	0.066	2.409	0.000	54.680	13.370	22.930	35.260	0.099
%RSD		0	1039.000	7.087	0.000	0.592	0.462	0.796	1.220	11.960
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:40:18	910.800	-6.509	0.000	0.000	335.100	12300.000	12630.000	98%	0.015
2	19:41:26	931.000	-3.422	0.000	0.000	343.700	12500.000	12780.000	98%	0.014
3	19:42:34	946.700	-2.702	0.000	0.000	344.100	12070.000	12950.000	98%	0.131
X		929.500	-4.211	0.000	0.000	341.000	12290.000	12780.000	98%	0.053
σ		18.030	2.023	0.000	0.000	5.091	215.600	157.000	0%	0.067
%RSD		1.940	48.030	0.000	0.000	1.493	1.754	1.228	0	126.300
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:40:18	0.975	0.182	27.330	2.020	0.184	5.550	35.690	0.032	0.197
2	19:41:26	1.140	0.208	26.610	1.629	0.115	4.603	36.480	-0.008	0.165
3	19:42:34	1.725	0.246	25.260	4.275	0.100	4.495	37.770	0.006	0.089
X		1.280	0.212	26.400	2.641	0.133	4.883	36.650	0.010	0.151
σ		0.394	0.032	1.050	1.428	0.045	0.581	1.048	0.020	0.055
%RSD		30.800	15.180	3.977	54.070	33.620	11.900	2.861	197.300	36.690
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:40:18	0.108	0.195	1.276	0.057	0.753	0.124	1.110	0.753	-0.803
2	19:41:26	0.176	0.162	1.408	0.712	0.930	0.023	1.003	0.929	-0.329
3	19:42:34	0.162	0.117	1.289	0.084	0.814	0.162	0.645	0.813	0.214
X		0.149	0.158	1.324	0.284	0.832	0.103	0.919	0.832	-0.306
σ		0.036	0.039	0.073	0.371	0.090	0.072	0.244	0.089	0.509
%RSD		24.050	24.560	5.494	130.400	10.800	69.490	26.510	10.720	166.500
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:40:18	0.085	0.080	0.087	0.009	0.083	0.000	93%	0.198	-0.004
2	19:41:26	0.057	0.031	0.046	0.060	0.056	-0.003	95%	-0.097	-0.002
3	19:42:34	0.048	0.003	0.050	0.037	0.050	0.000	95%	-1.116	0.006
X		0.063	0.038	0.061	0.035	0.063	-0.001	94%	-0.339	0.000
σ		0.019	0.039	0.023	0.025	0.018	0.002	1%	0.690	0.005
%RSD		29.750	103.500	37.690	71.950	28.090	261.300	1	203.700	16130.000
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:40:18	-0.132	0.196	0.018	0.063	0.063	-0.025	2.743	2.673	94%
2	19:41:26	0.068	-0.096	0.005	-0.002	0.054	-0.018	3.151	2.859	94%
3	19:42:34	0.642	-1.118	0.005	-0.022	0.026	-0.036	2.566	2.784	95%
X		0.193	-0.340	0.009	0.013	0.048	-0.026	2.820	2.772	95%
σ		0.402	0.690	0.008	0.044	0.019	0.009	0.300	0.094	1%
%RSD		208.600	203.200	83.300	345.400	40.790	34.220	10.640	3.375	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	19:40:18	93%	0.053	0.043	0.066	0.047	0.051	93%	0.420	
2	19:41:26	94%	0.023	0.017	0.045	0.047	0.053	94%	0.398	
3	19:42:34	95%	0.018	0.019	0.031	0.035	0.030	93%	0.388	
X		94%	0.031	0.026	0.048	0.043	0.045	93%	0.402	
σ		1%	0.019	0.015	0.017	0.007	0.012	1%	0.016	
%RSD		1	60.320	55.090	36.680	15.400	27.910	1	4.005	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:48:13	90%	0.001	1338.000	0.000	338500.000	42220.000	41580.000	41620.000	-0.113
2	19:49:21	89%	0.002	1368.000	0.000	346500.000	43040.000	42440.000	42240.000	-0.103
3	19:50:29	89%	-0.030	1356.000	0.000	340400.000	42000.000	41220.000	41220.000	-0.167
X		90%	-0.009	1354.000	0.000	341800.000	42420.000	41740.000	41700.000	-0.128
σ		0%	0.018	15.220	0.000	4206.000	548.000	625.600	510.800	0.034
%RSD		1	205.600	1.124	0.000	1.230	1.292	1.499	1.225	26.830
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:48:13	25060.000	13.420	0.000	0.000	4926.000	195400.000	206300.000	98%	2.191
2	19:49:21	25860.000	12.080	0.000	0.000	4971.000	198900.000	213100.000	95%	1.638
3	19:50:29	25330.000	13.110	0.000	0.000	4870.000	192800.000	206900.000	98%	1.743
X		25420.000	12.870	0.000	0.000	4922.000	195700.000	208700.000	97%	1.857
σ		408.300	0.701	0.000	0.000	50.840	3061.000	3763.000	1%	0.294
%RSD		1.606	5.448	0.000	0.000	1.033	1.564	1.803	1	15.810
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:48:13	30.760	2.717	161.300	-3.495	0.294	6.534	501.700	0.126	2.293
2	19:49:21	31.000	2.587	179.700	-1.395	0.252	5.942	492.600	0.122	2.029
3	19:50:29	29.420	2.681	186.400	-5.488	0.212	5.395	468.700	0.141	1.888
X		30.400	2.661	175.800	-3.459	0.253	5.957	487.700	0.130	2.070
σ		0.850	0.067	13.000	2.047	0.041	0.570	17.040	0.010	0.205
%RSD		2.796	2.515	7.392	59.170	16.310	9.564	3.493	7.804	9.927
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:48:13	1.783	1.816	2.921	9.133	12.970	0.762	9.200	13.130	-0.746
2	19:49:21	1.869	1.768	2.548	8.936	14.150	0.947	8.295	14.290	1.594
3	19:50:29	1.772	2.015	2.939	9.020	12.790	0.979	8.419	12.950	4.084
X		1.808	1.867	2.803	9.030	13.300	0.896	8.638	13.460	1.644
σ		0.053	0.131	0.221	0.099	0.738	0.117	0.491	0.729	2.416
%RSD		2.948	7.021	7.868	1.096	5.545	13.090	5.683	5.416	147.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:48:13	0.997	1.119	0.990	1.135	0.941	-0.002	80%	-0.567	0.048
2	19:49:21	1.171	1.042	0.999	1.063	1.012	0.002	80%	-0.672	0.011
3	19:50:29	1.136	1.134	0.969	1.171	1.078	0.001	80%	0.920	-0.007
X		1.101	1.098	0.986	1.123	1.011	0.000	80%	-0.106	0.017
σ		0.092	0.050	0.015	0.055	0.068	0.002	0%	0.891	0.028
%RSD		8.336	4.507	1.562	4.901	6.745	1370.000	0	838.300	163.500
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:48:13	0.266	-0.582	0.026	-0.007	-0.022	0.035	20.440	20.160	88%
2	19:49:21	0.321	-0.689	0.014	-0.034	-0.018	-0.001	19.850	19.670	89%
3	19:50:29	-0.493	0.901	0.014	0.068	-0.028	-0.001	19.240	20.160	89%
X		0.031	-0.123	0.018	0.009	-0.022	0.011	19.840	19.990	89%
σ		0.455	0.889	0.007	0.053	0.005	0.021	0.603	0.283	1%
%RSD		1448.000	720.200	36.300	583.900	23.500	193.800	3.039	1.415	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	19:48:13	88%	0.030	0.023	0.671	0.580	0.631	83%	9.071	
2	19:49:21	89%	-0.002	-0.002	0.547	0.461	0.508	84%	8.957	
3	19:50:29	90%	-0.004	-0.000	0.419	0.425	0.428	84%	8.908	
X		89%	0.008	0.007	0.546	0.488	0.522	84%	8.979	
σ		1%	0.019	0.014	0.126	0.081	0.102	1%	0.083	
%RSD		1	237.800	201.500	23.150	16.620	19.530	1	0.927	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:56:07	97%	-0.054	745.500	0.000	250700.000	59880.000	59700.000	58550.000	0.432
2	19:57:15	96%	-0.024	757.400	0.000	247000.000	59160.000	58500.000	57760.000	0.409
3	19:58:23	94%	-0.033	748.500	0.000	256600.000	60130.000	59670.000	59490.000	0.335
X		96%	-0.037	750.500	0.000	251400.000	59720.000	59290.000	58600.000	0.392
σ		2%	0.016	6.162	0.000	4840.000	503.500	683.100	866.700	0.051
%RSD		2	42.500	0.821	0.000	1.925	0.843	1.152	1.479	12.970
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:56:07	22280.000	-13.110	0.000	0.000	7033.000	242000.000	260300.000	99%	1.312
2	19:57:15	22430.000	-11.450	0.000	0.000	6893.000	237000.000	253200.000	100%	1.235
3	19:58:23	22520.000	-16.730	0.000	0.000	7029.000	241700.000	259500.000	98%	1.052
X		22410.000	-13.770	0.000	0.000	6985.000	240300.000	257700.000	99%	1.200
σ		120.700	2.699	0.000	0.000	79.580	2803.000	3853.000	1%	0.133
%RSD		0.539	19.600	0.000	0.000	1.139	1.167	1.495	1	11.120
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:56:07	29.490	0.821	190.300	-5.248	0.148	6.911	600.400	-0.105	2.547
2	19:57:15	29.040	0.791	196.400	-5.292	0.184	5.910	582.300	-0.101	1.993
3	19:58:23	28.620	0.847	209.000	-5.271	0.194	5.970	553.200	-0.114	2.222
X		29.050	0.820	198.600	-5.271	0.175	6.264	578.600	-0.107	2.254
σ		0.439	0.028	9.563	0.022	0.024	0.561	23.800	0.007	0.278
%RSD		1.510	3.390	4.816	0.420	13.830	8.962	4.114	6.562	12.350
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:56:07	1.905	2.034	3.689	7.724	26.160	1.050	21.460	26.450	1.620
2	19:57:15	1.843	2.143	3.630	7.973	25.980	1.095	20.610	26.270	3.677
3	19:58:23	1.920	2.201	3.270	7.734	28.400	1.130	20.770	28.680	-0.362
X		1.889	2.126	3.529	7.811	26.850	1.092	20.950	27.130	1.645
σ		0.041	0.084	0.227	0.141	1.352	0.040	0.452	1.344	2.020
%RSD		2.169	3.970	6.417	1.805	5.037	3.652	2.157	4.953	122.800
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:56:07	1.522	1.641	1.547	1.796	1.624	-0.003	82%	-0.184	0.026
2	19:57:15	1.480	1.745	1.546	1.739	1.676	0.001	83%	-0.409	0.014
3	19:58:23	0.023	1.735	1.605	1.769	1.639	-0.003	83%	-0.570	0.006
X		1.008	1.707	1.566	1.768	1.646	-0.001	83%	-0.388	0.015
σ		0.854	0.058	0.034	0.029	0.027	0.002	1%	0.194	0.010
%RSD		84.670	3.378	2.151	1.639	1.635	167.300	1	49.960	66.070
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	19:56:07	0.129	-0.201	0.004	0.007	-0.038	0.009	33.990	33.550	90%
2	19:57:15	0.243	-0.425	0.025	-0.026	-0.069	-0.019	31.800	32.430	91%
3	19:58:23	0.326	-0.587	0.011	-0.022	-0.029	-0.015	32.470	33.010	92%
X		0.233	-0.404	0.014	-0.014	-0.046	-0.008	32.750	33.000	91%
σ		0.099	0.194	0.011	0.018	0.021	0.015	1.121	0.560	1%
%RSD		42.530	47.980	78.440	133.000	46.320	184.400	3.424	1.696	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	19:56:07	92%	-0.010	-0.013	0.454	0.411	0.433	86%	9.434	
2	19:57:15	93%	-0.010	-0.014	0.384	0.415	0.400	87%	9.429	
3	19:58:23	93%	-0.016	-0.011	0.415	0.367	0.393	87%	9.476	
X		93%	-0.012	-0.013	0.418	0.398	0.409	87%	9.446	
σ		1%	0.003	0.001	0.035	0.027	0.022	1%	0.026	
%RSD		1	28.520	10.630	8.366	6.760	5.267	1	0.276	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:04:02	92%	-0.032	728.300	0.000	251500.000	59730.000	58810.000	58560.000	-0.428
2	20:05:10	92%	0.052	760.800	0.000	252600.000	59520.000	58040.000	58350.000	-0.634
3	20:06:18	93%	-0.063	749.300	0.000	250300.000	58870.000	58670.000	58390.000	-0.454
X		92%	-0.014	746.100	0.000	251500.000	59370.000	58510.000	58440.000	-0.505
σ		1%	0.060	16.480	0.000	1185.000	449.200	410.300	108.600	0.112
%RSD		1	421.900	2.208	0.000	0.471	0.757	0.701	0.186	22.150
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:04:02	22180.000	-13.010	0.000	0.000	6968.000	238000.000	255500.000	97%	1.616
2	20:05:10	22570.000	-13.730	0.000	0.000	6898.000	248000.000	252200.000	97%	1.854
3	20:06:18	22380.000	-16.920	0.000	0.000	6818.000	234700.000	250800.000	98%	1.721
X		22380.000	-14.550	0.000	0.000	6895.000	240200.000	252800.000	97%	1.730
σ		193.200	2.084	0.000	0.000	74.630	6910.000	2418.000	0%	0.119
%RSD		0.863	14.320	0.000	0.000	1.082	2.877	0.956	0	6.898
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:04:02	30.380	0.825	204.400	-0.826	0.136	6.148	579.800	-0.150	2.312
2	20:05:10	28.340	0.805	218.400	-4.909	0.176	5.834	547.000	-0.085	1.776
3	20:06:18	28.760	0.871	222.800	-4.038	0.153	5.683	572.000	-0.096	1.964
X		29.160	0.834	215.200	-3.258	0.155	5.888	566.300	-0.110	2.017
σ		1.081	0.034	9.576	2.151	0.020	0.237	17.130	0.035	0.272
%RSD		3.706	4.049	4.450	66.020	12.950	4.031	3.024	31.630	13.470
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:04:02	1.424	1.563	2.394	8.878	28.470	0.894	19.860	28.820	3.961
2	20:05:10	1.387	1.727	2.243	8.032	28.560	1.194	21.080	28.900	0.979
3	20:06:18	1.440	1.847	2.072	7.994	27.300	1.175	20.910	27.680	0.718
X		1.417	1.712	2.236	8.301	28.110	1.088	20.620	28.470	1.886
σ		0.028	0.143	0.161	0.500	0.702	0.168	0.661	0.685	1.802
%RSD		1.948	8.348	7.210	6.022	2.497	15.420	3.208	2.405	95.550
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:04:02	6.579	1.582	1.694	1.799	1.617	0.014	79%	-1.726	0.043
2	20:05:10	5.874	1.689	1.665	1.620	1.544	-0.002	79%	-0.707	0.001
3	20:06:18	7.062	1.651	1.620	1.949	1.484	-0.006	78%	0.037	-0.001
X		6.505	1.641	1.660	1.789	1.548	0.002	79%	-0.798	0.014
σ		0.597	0.054	0.037	0.165	0.067	0.011	1%	0.885	0.025
%RSD		9.184	3.317	2.219	9.216	4.319	669.600	1	110.900	174.600
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:04:02	0.919	-1.741	0.035	-0.113	-0.042	-0.029	32.290	33.110	88%
2	20:05:10	0.399	-0.724	0.017	-0.049	-0.032	-0.006	31.220	31.840	89%
3	20:06:18	0.019	0.018	0.027	0.021	-0.028	-0.017	31.980	32.090	88%
X		0.446	-0.816	0.026	-0.047	-0.034	-0.017	31.830	32.350	88%
σ		0.452	0.883	0.009	0.067	0.007	0.012	0.550	0.670	1%
%RSD		101.400	108.300	35.680	141.300	21.820	68.250	1.728	2.073	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:04:02	88%	-0.016	-0.019	0.381	0.341	0.360	82%	9.441	
2	20:05:10	88%	-0.022	-0.024	0.323	0.353	0.339	82%	9.265	
3	20:06:18	87%	-0.023	-0.021	0.364	0.309	0.333	81%	9.269	
X		88%	-0.020	-0.021	0.356	0.334	0.344	81%	9.325	
σ		0%	0.004	0.003	0.030	0.023	0.014	1%	0.100	
%RSD		0	18.500	12.190	8.436	6.741	4.050	1	1.072	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:58	94%	-0.053	968.200	0.000	280000.000	57990.000	57660.000	57050.000	-0.525
2	20:13:06	91%	-0.010	991.100	0.000	284800.000	59010.000	58900.000	58260.000	-0.465
3	20:14:14	93%	-0.032	1006.000	0.000	287600.000	59850.000	58860.000	59250.000	-0.489
X		93%	-0.032	988.500	0.000	284100.000	58950.000	58470.000	58190.000	-0.493
σ		2%	0.022	19.190	0.000	3824.000	930.400	703.400	1102.000	0.030
%RSD		2	68.540	1.941	0.000	1.346	1.578	1.203	1.894	6.145
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:58	22770.000	-9.600	0.000	0.000	6837.000	228000.000	244700.000	97%	1.697
2	20:13:06	22920.000	-11.780	0.000	0.000	6927.000	229500.000	247900.000	96%	1.742
3	20:14:14	23210.000	-9.558	0.000	0.000	7126.000	250000.000	255300.000	94%	1.236
X		22970.000	-10.310	0.000	0.000	6964.000	235900.000	249300.000	96%	1.558
σ		223.800	1.269	0.000	0.000	148.200	12290.000	5467.000	2%	0.280
%RSD		0.974	12.310	0.000	0.000	2.128	5.213	2.193	2	17.980
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:58	31.180	1.060	207.200	-5.845	0.143	5.956	596.800	-0.052	2.590
2	20:13:06	30.310	1.092	223.300	-4.684	0.134	6.468	585.400	-0.076	2.554
3	20:14:14	31.010	0.994	235.300	-4.221	0.150	6.393	594.400	-0.043	2.437
X		30.830	1.048	221.900	-4.917	0.142	6.273	592.200	-0.057	2.527
σ		0.459	0.050	14.140	0.837	0.008	0.276	6.028	0.017	0.080
%RSD		1.489	4.746	6.369	17.020	5.705	4.407	1.018	30.100	3.169
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:58	1.144	1.317	2.046	8.650	26.140	1.102	18.070	26.530	1.843
2	20:13:06	1.211	1.180	2.193	8.647	25.600	1.057	18.800	25.950	-0.175
3	20:14:14	1.115	1.381	1.924	9.830	26.550	0.959	18.330	26.830	0.176
X		1.157	1.293	2.055	9.042	26.100	1.039	18.400	26.440	0.615
σ		0.049	0.103	0.135	0.683	0.475	0.073	0.372	0.445	1.078
%RSD		4.231	7.957	6.550	7.548	1.819	7.029	2.021	1.681	175.300
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:58	8.646	1.595	1.533	1.463	1.563	-0.002	77%	0.382	-0.002
2	20:13:06	7.840	1.824	1.532	1.637	1.560	-0.006	78%	-0.345	-0.027
3	20:14:14	7.711	1.842	1.559	1.777	1.603	-0.002	78%	-0.393	-0.012
X		8.065	1.754	1.541	1.626	1.575	-0.004	78%	-0.118	-0.013
σ		0.507	0.138	0.015	0.157	0.024	0.002	1%	0.434	0.012
%RSD		6.282	7.866	0.992	9.672	1.514	63.450	1	366.500	91.940
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:11:58	-0.158	0.367	0.012	-0.003	-0.031	-0.023	41.870	39.700	84%
2	20:13:06	0.275	-0.360	0.003	-0.028	-0.045	-0.023	40.170	40.850	85%
3	20:14:14	0.238	-0.408	0.002	-0.017	-0.054	-0.008	40.300	41.000	86%
X		0.118	-0.134	0.006	-0.016	-0.043	-0.018	40.780	40.520	85%
σ		0.240	0.434	0.006	0.012	0.012	0.009	0.944	0.712	1%
%RSD		203.000	324.400	100.600	76.380	27.210	50.290	2.315	1.756	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:11:58	85%	-0.027	-0.020	0.354	0.354	0.348	78%	11.130	
2	20:13:06	85%	-0.023	-0.025	0.324	0.309	0.311	79%	11.280	
3	20:14:14	86%	-0.030	-0.027	0.354	0.323	0.339	80%	11.320	
X		85%	-0.027	-0.024	0.344	0.329	0.332	79%	11.240	
σ		1%	0.003	0.004	0.017	0.023	0.019	1%	0.105	
%RSD		1	12.770	15.840	5.037	7.105	5.753	1	0.934	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:19:54	96%	-0.084	79.510	0.000	14900.000	1901.000	1878.000	1894.000	-0.556
2	20:21:02	95%	-0.074	74.750	0.000	15320.000	1940.000	1940.000	1931.000	-0.449
3	20:22:10	95%	-0.033	70.430	0.000	15280.000	1909.000	1918.000	1898.000	-0.406
X		95%	-0.063	74.890	0.000	15170.000	1917.000	1912.000	1908.000	-0.470
σ		1%	0.027	4.539	0.000	230.100	20.860	31.410	20.100	0.077
%RSD		1	42.180	6.061	0.000	1.517	1.088	1.643	1.054	16.450
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:19:54	1109.000	-5.100	0.000	0.000	211.900	9024.000	9335.000	94%	-0.038
2	20:21:02	1122.000	-10.370	0.000	0.000	223.200	9142.000	9649.000	92%	-0.036
3	20:22:10	1106.000	-0.213	0.000	0.000	213.800	9014.000	9335.000	94%	0.116
X		1112.000	-5.228	0.000	0.000	216.300	9060.000	9440.000	93%	0.014
σ		8.622	5.080	0.000	0.000	6.049	70.950	181.200	1%	0.088
%RSD		0.775	97.170	0.000	0.000	2.797	0.783	1.919	1	636.900
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:19:54	2.685	0.244	56.050	3.899	0.068	1.054	22.350	-0.015	0.044
2	20:21:02	0.383	0.221	57.970	4.203	0.030	1.745	21.000	-0.010	0.149
3	20:22:10	0.171	0.250	54.480	1.070	0.016	1.770	18.590	-0.022	0.121
X		1.080	0.238	56.170	3.057	0.038	1.523	20.640	-0.015	0.105
σ		1.394	0.016	1.748	1.728	0.027	0.406	1.901	0.006	0.054
%RSD		129.100	6.525	3.111	56.520	70.270	26.680	9.210	39.100	51.790
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:19:54	0.066	0.042	0.905	0.150	0.666	0.337	0.105	0.664	0.356
2	20:21:02	0.030	0.102	0.834	0.363	0.125	0.273	0.858	0.125	2.267
3	20:22:10	0.077	0.042	0.913	-0.121	-0.113	0.340	0.158	-0.112	2.926
X		0.058	0.062	0.884	0.131	0.226	0.317	0.374	0.226	1.850
σ		0.025	0.035	0.043	0.242	0.399	0.038	0.420	0.398	1.335
%RSD		42.660	56.340	4.888	185.800	176.500	11.910	112.400	176.400	72.160
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:19:54	0.002	0.005	-0.005	-0.058	0.004	-0.003	92%	-0.005	-0.031
2	20:21:02	0.002	-0.010	0.009	-0.027	0.016	-0.003	91%	0.468	-0.034
3	20:22:10	0.035	-0.025	-0.001	-0.059	0.003	0.004	93%	-0.375	-0.040
X		0.013	-0.010	0.001	-0.048	0.007	-0.001	92%	0.029	-0.035
σ		0.019	0.015	0.007	0.018	0.007	0.004	1%	0.423	0.005
%RSD		146.000	149.800	729.600	37.990	95.670	627.800	1	1445.000	14.080
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:19:54	-0.027	-0.008	-0.018	-0.017	-0.048	-0.098	0.644	0.615	93%
2	20:21:02	-0.271	0.467	-0.026	0.016	-0.051	-0.093	0.794	0.736	92%
3	20:22:10	0.213	-0.378	-0.017	-0.043	-0.049	-0.101	0.542	0.705	94%
X		-0.028	0.027	-0.021	-0.014	-0.049	-0.097	0.660	0.686	93%
σ		0.242	0.424	0.005	0.029	0.002	0.004	0.127	0.063	1%
%RSD		853.600	1579.000	24.930	206.900	4.034	4.417	19.240	9.161	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:19:54	93%	-0.031	-0.031	0.019	0.012	0.018	91%	0.313	
2	20:21:02	92%	-0.028	-0.031	0.016	-0.001	0.012	91%	0.316	
3	20:22:10	95%	-0.028	-0.029	0.002	0.006	0.012	93%	0.303	
X		93%	-0.029	-0.030	0.012	0.006	0.014	92%	0.311	
σ		1%	0.002	0.001	0.009	0.007	0.003	1%	0.007	
%RSD		1	5.759	3.999	77.020	113.800	23.680	1	2.220	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:50	96%	-0.064	41.620	0.000	11320.000	2739.000	2693.000	2714.000	-0.211
2	20:28:59	92%	-0.063	43.790	0.000	12010.000	2906.000	2882.000	2916.000	-0.167
3	20:30:07	94%	-0.033	48.170	0.000	11570.000	2789.000	2740.000	2793.000	-0.038
X		94%	-0.053	44.530	0.000	11640.000	2812.000	2772.000	2807.000	-0.139
σ		2%	0.018	3.338	0.000	349.500	85.840	98.370	101.900	0.090
%RSD		2	33.490	7.498	0.000	3.004	3.053	3.549	3.630	64.760
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:50	987.100	-5.922	0.000	0.000	301.500	11180.000	11450.000	94%	-0.038
2	20:28:59	1021.000	-0.258	0.000	0.000	325.000	11520.000	11830.000	92%	0.029
3	20:30:07	1017.000	-5.814	0.000	0.000	312.400	11260.000	11650.000	93%	0.088
X		1008.000	-3.998	0.000	0.000	313.000	11320.000	11640.000	93%	0.026
σ		18.440	3.240	0.000	0.000	11.750	178.600	192.900	1%	0.063
%RSD		1.829	81.030	0.000	0.000	3.754	1.577	1.656	1	241.100
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:50	0.721	0.111	46.120	4.046	0.010	1.310	30.280	-0.032	0.100
2	20:28:59	0.610	0.175	47.510	2.139	0.035	2.563	29.750	-0.046	0.136
3	20:30:07	0.705	0.086	45.000	3.814	0.042	1.736	27.110	-0.034	0.062
X		0.678	0.124	46.210	3.333	0.029	1.870	29.050	-0.037	0.099
σ		0.060	0.046	1.259	1.040	0.017	0.637	1.700	0.008	0.037
%RSD		8.835	37.210	2.725	31.210	57.660	34.080	5.853	20.450	37.280
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:50	0.073	0.030	0.148	0.454	0.869	0.216	0.804	0.868	2.288
2	20:28:59	0.071	0.059	0.193	0.090	0.252	0.255	0.548	0.253	6.625
3	20:30:07	0.027	0.077	0.247	-0.375	-0.030	0.374	1.021	-0.029	3.361
X		0.057	0.055	0.196	0.056	0.364	0.281	0.791	0.364	4.091
σ		0.026	0.024	0.049	0.415	0.460	0.082	0.237	0.459	2.259
%RSD		45.060	43.050	25.180	735.400	126.400	29.170	29.950	126.200	55.210
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:50	0.029	0.030	0.000	0.021	0.025	-0.003	90%	0.681	-0.029
2	20:28:59	0.068	0.007	0.025	0.039	0.036	0.005	88%	-1.276	-0.037
3	20:30:07	0.004	0.026	0.034	0.014	-0.004	0.008	89%	0.293	-0.032
X		0.034	0.021	0.020	0.025	0.019	0.003	89%	-0.100	-0.032
σ		0.032	0.012	0.017	0.013	0.021	0.006	1%	1.036	0.004
%RSD		95.500	59.150	87.030	52.940	109.600	173.300	1	1034.000	12.370
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:27:50	-0.328	0.682	-0.028	0.016	-0.076	-0.103	1.220	1.128	90%
2	20:28:59	0.623	-1.278	-0.023	-0.080	-0.048	-0.097	1.025	1.284	88%
3	20:30:07	-0.129	0.294	-0.020	0.001	-0.061	-0.108	1.298	1.262	89%
X		0.055	-0.101	-0.024	-0.021	-0.062	-0.102	1.181	1.225	89%
σ		0.501	1.038	0.004	0.052	0.014	0.005	0.141	0.085	1%
%RSD		905.100	1031.000	17.890	248.000	22.990	5.053	11.920	6.916	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:27:50	90%	-0.027	-0.029	0.005	0.004	0.003	88%	0.337	
2	20:28:59	88%	-0.028	-0.030	-0.018	-0.005	-0.005	87%	0.340	
3	20:30:07	89%	-0.027	-0.030	-0.024	-0.004	-0.004	87%	0.335	
X		89%	-0.027	-0.030	-0.012	-0.002	-0.002	87%	0.337	
σ		1%	0.000	0.000	0.015	0.005	0.004	1%	0.002	
%RSD		1	1.734	1.671	122.500	281.000	234.600	1	0.630	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:35:47	93%	-0.042	39.930	0.000	11740.000	2848.000	2787.000	2799.000	-0.141
2	20:36:55	95%	-0.074	39.390	0.000	11380.000	2770.000	2737.000	2775.000	-0.144
3	20:38:03	96%	-0.053	40.170	0.000	11220.000	2739.000	2703.000	2734.000	-0.323
X		95%	-0.056	39.830	0.000	11450.000	2786.000	2742.000	2770.000	-0.203
σ		2%	0.016	0.401	0.000	262.900	55.900	41.930	32.780	0.104
%RSD		2	28.230	1.006	0.000	2.297	2.007	1.529	1.184	51.440
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:35:47	1012.000	-2.112	0.000	0.000	316.100	11150.000	11650.000	92%	0.060
2	20:36:55	1006.000	-6.561	0.000	0.000	306.200	11250.000	11600.000	94%	0.209
3	20:38:03	1001.000	-0.043	0.000	0.000	302.700	10830.000	11290.000	95%	0.082
X		1006.000	-2.905	0.000	0.000	308.400	11070.000	11510.000	93%	0.117
σ		5.765	3.331	0.000	0.000	6.957	219.500	196.600	2%	0.080
%RSD		0.573	114.700	0.000	0.000	2.256	1.982	1.707	2	68.730
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:35:47	1.210	0.124	40.190	2.731	0.200	3.502	29.090	-0.018	0.160
2	20:36:55	1.102	0.100	39.940	3.109	0.231	2.516	32.790	-0.037	0.131
3	20:38:03	1.174	0.079	38.820	3.785	0.178	2.570	31.590	-0.028	0.136
X		1.162	0.101	39.650	3.208	0.203	2.863	31.160	-0.028	0.142
σ		0.055	0.022	0.730	0.534	0.026	0.554	1.890	0.010	0.015
%RSD		4.762	22.150	1.842	16.650	12.920	19.350	6.067	34.750	10.690
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:35:47	0.064	0.085	0.515	0.242	0.449	0.212	0.896	0.449	3.110
2	20:36:55	0.098	0.134	0.626	0.709	0.909	0.131	0.929	0.909	1.697
3	20:38:03	0.052	0.080	0.601	0.135	-0.267	0.230	0.998	-0.266	3.414
X		0.071	0.100	0.581	0.362	0.364	0.191	0.941	0.364	2.740
σ		0.024	0.030	0.058	0.305	0.593	0.053	0.052	0.592	0.916
%RSD		33.320	29.800	10.010	84.230	162.900	27.500	5.532	162.700	33.440
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:35:47	0.022	0.041	0.067	-0.033	0.005	-0.003	89%	-0.392	-0.027
2	20:36:55	-0.041	0.040	-0.004	0.021	0.031	0.001	90%	0.013	-0.034
3	20:38:03	-0.006	0.000	0.041	0.020	0.057	-0.003	90%	0.206	-0.043
X		-0.008	0.027	0.035	0.003	0.031	-0.002	90%	-0.057	-0.035
σ		0.031	0.023	0.036	0.031	0.026	0.002	1%	0.305	0.008
%RSD		374.300	85.580	103.200	1214.000	84.210	123.000	1	530.800	23.870
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:35:47	0.223	-0.393	-0.023	-0.043	-0.034	-0.092	1.229	1.139	89%
2	20:36:55	0.015	0.012	-0.026	-0.021	-0.029	-0.098	1.143	1.127	91%
3	20:38:03	-0.136	0.204	-0.025	0.002	0.018	-0.098	1.248	1.204	91%
X		0.034	-0.059	-0.025	-0.021	-0.015	-0.096	1.206	1.157	90%
σ		0.180	0.305	0.002	0.023	0.029	0.003	0.056	0.041	1%
%RSD		530.800	518.400	6.829	108.100	187.800	3.223	4.641	3.562	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:35:47	89%	-0.023	-0.023	-0.020	0.005	0.001	86%	0.333	
2	20:36:55	90%	-0.032	-0.028	0.004	-0.002	0.002	88%	0.322	
3	20:38:03	91%	-0.025	-0.029	0.000	-0.011	-0.005	90%	0.317	
X		90%	-0.027	-0.027	-0.006	-0.003	-0.001	88%	0.324	
σ		1%	0.005	0.003	0.013	0.008	0.004	2%	0.008	
%RSD		1	17.790	11.240	232.800	267.700	789.400	2	2.607	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:44	95%	-0.043	49.140	0.000	12810.000	2769.000	2715.000	2713.000	-0.482
2	20:44:52	98%	-0.074	42.140	0.000	12680.000	2740.000	2667.000	2720.000	-0.469
3	20:46:00	97%	-0.064	48.960	0.000	12820.000	2755.000	2676.000	2715.000	-0.471
X		97%	-0.060	46.750	0.000	12770.000	2755.000	2686.000	2716.000	-0.474
σ		1%	0.016	3.990	0.000	77.480	14.610	25.380	3.536	0.007
%RSD		1	25.860	8.536	0.000	0.607	0.530	0.945	0.130	1.532
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:44	984.800	-5.926	0.000	0.000	299.800	10690.000	11140.000	95%	0.019
2	20:44:52	1012.000	-3.054	0.000	0.000	304.300	10780.000	11310.000	95%	0.235
3	20:46:00	1008.000	-8.252	0.000	0.000	302.100	10670.000	11290.000	96%	0.019
X		1002.000	-5.744	0.000	0.000	302.100	10710.000	11250.000	95%	0.091
σ		14.910	2.604	0.000	0.000	2.219	57.150	96.400	1%	0.125
%RSD		1.488	45.330	0.000	0.000	0.735	0.533	0.857	1	137.000
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:44	0.959	0.086	35.110	2.347	-0.030	1.657	25.640	-0.030	0.103
2	20:44:52	1.060	0.209	35.900	3.724	0.003	1.838	30.980	-0.028	0.189
3	20:46:00	0.351	0.058	36.120	2.588	-0.010	1.658	30.640	-0.030	0.209
X		0.790	0.117	35.710	2.886	-0.012	1.718	29.090	-0.030	0.167
σ		0.384	0.081	0.532	0.735	0.017	0.104	2.992	0.001	0.056
%RSD		48.590	68.500	1.489	25.460	135.800	6.042	10.290	3.463	33.780
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:44	0.004	0.008	0.179	0.131	0.727	0.209	0.682	0.725	-0.415
2	20:44:52	0.027	0.067	0.273	0.360	0.962	0.181	1.324	0.960	1.723
3	20:46:00	0.056	0.040	0.234	0.112	0.836	0.215	0.361	0.834	-1.055
X		0.029	0.038	0.228	0.201	0.842	0.202	0.789	0.840	0.084
σ		0.026	0.029	0.047	0.138	0.118	0.018	0.490	0.117	1.455
%RSD		89.210	76.020	20.670	68.580	14.010	8.865	62.120	13.970	1733.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:44	0.017	0.023	0.021	-0.021	0.017	0.000	93%	-0.740	-0.026
2	20:44:52	0.009	0.019	0.012	-0.028	0.006	-0.003	93%	0.593	-0.040
3	20:46:00	0.068	0.013	-0.015	-0.067	0.017	-0.003	94%	0.034	-0.036
X		0.031	0.018	0.006	-0.039	0.014	-0.002	93%	-0.038	-0.034
σ		0.032	0.005	0.019	0.025	0.006	0.002	0%	0.669	0.007
%RSD		100.600	27.400	308.900	63.840	47.960	109.000	0	1771.000	21.230
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:43:44	0.349	-0.743	-0.023	-0.057	-0.058	-0.101	1.601	1.435	94%
2	20:44:52	-0.333	0.589	-0.028	0.016	-0.058	-0.100	1.140	1.571	95%
3	20:46:00	-0.048	0.031	-0.022	-0.014	-0.077	-0.105	1.620	1.403	95%
X		-0.011	-0.041	-0.024	-0.018	-0.064	-0.102	1.453	1.470	95%
σ		0.342	0.669	0.003	0.037	0.011	0.003	0.272	0.090	1%
%RSD		3199.000	1626.000	13.540	201.500	16.960	2.464	18.710	6.093	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:43:44	94%	-0.025	-0.028	-0.031	-0.016	-0.014	92%	0.422	
2	20:44:52	94%	-0.026	-0.027	-0.021	-0.010	-0.011	93%	0.401	
3	20:46:00	95%	-0.024	-0.030	-0.016	-0.029	-0.017	94%	0.392	
X		95%	-0.025	-0.028	-0.023	-0.018	-0.014	93%	0.405	
σ		1%	0.001	0.002	0.008	0.010	0.003	1%	0.016	
%RSD		1	4.791	6.111	32.730	54.660	21.540	1	3.847	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:39	86%	492.600	473.000	0.000	50770.000	50960.000	50800.000	50960.000	10110.000
2	20:52:47	87%	488.900	490.800	0.000	50620.000	50570.000	50090.000	49900.000	9969.000
3	20:53:55	88%	487.400	497.600	0.000	50480.000	50130.000	49550.000	50050.000	10030.000
X		87%	489.600	487.100	0.000	50620.000	50550.000	50150.000	50300.000	10040.000
σ		1%	2.646	12.700	0.000	147.700	415.300	627.600	574.000	68.260
%RSD		1	0.540	2.607	0.000	0.292	0.821	1.251	1.141	0.680
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:39	532.400	9867.000	0.000	0.000	25550.000	53040.000	49430.000	85%	490.100
2	20:52:47	532.100	9815.000	0.000	0.000	25360.000	51900.000	48950.000	86%	488.000
3	20:53:55	547.300	9833.000	0.000	0.000	25240.000	52900.000	48890.000	85%	496.900
X		537.300	9838.000	0.000	0.000	25380.000	52610.000	49090.000	86%	491.700
σ		8.716	26.270	0.000	0.000	156.100	620.100	297.900	1%	4.642
%RSD		1.622	0.267	0.000	0.000	0.615	1.179	0.607	1	0.944
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:39	495.300	495.700	41.760	25730.000	1007.000	25400.000	25730.000	493.100	493.400
2	20:52:47	485.500	486.100	53.000	25570.000	994.800	25020.000	25250.000	489.200	488.400
3	20:53:55	496.000	491.000	38.430	25520.000	1006.000	25240.000	25190.000	487.300	484.500
X		492.300	490.900	44.400	25600.000	1003.000	25220.000	25390.000	489.900	488.700
σ		5.849	4.820	7.635	108.900	6.840	191.900	296.400	2.948	4.456
%RSD		1.188	0.982	17.200	0.425	0.682	0.761	1.167	0.602	0.912
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:39	999.000	991.900	1014.000	498.600	503.700	-1.269	493.700	503.000	1.205
2	20:52:47	987.400	992.200	993.100	494.900	490.200	-1.471	490.800	490.100	0.147
3	20:53:55	978.800	979.800	1004.000	490.900	496.000	-0.944	490.800	495.300	6.201
X		988.400	988.000	1003.000	494.800	496.600	-1.228	491.800	496.100	2.517
σ		10.150	7.065	10.290	3.841	6.765	0.266	1.696	6.503	3.233
%RSD		1.027	0.715	1.025	0.776	1.362	21.650	0.345	1.311	128.400
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:39	493.200	492.400	492.500	501.200	499.100	-0.006	82%	498.800	498.500
2	20:52:47	495.000	492.500	490.700	497.200	487.200	0.001	82%	508.900	496.400
3	20:53:55	486.300	482.900	490.600	488.400	487.300	-0.003	82%	486.600	497.400
X		491.500	489.300	491.300	495.600	491.200	-0.003	82%	498.100	497.400
σ		4.604	5.535	1.049	6.584	6.844	0.004	0%	11.160	1.028
%RSD		0.937	1.131	0.214	1.328	1.393	155.400	0	2.242	0.207
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:51:39	19.600	498.600	498.500	499.300	499.900	499.500	2469.000	2481.000	86%
2	20:52:47	14.700	508.900	500.400	496.100	499.900	499.300	2492.000	2470.000	85%
3	20:53:55	12.190	486.500	493.200	496.100	492.700	492.100	2465.000	2470.000	86%
X		15.500	498.000	497.400	497.200	497.500	497.000	2475.000	2474.000	86%
σ		3.768	11.190	3.762	1.821	4.168	4.218	14.170	6.542	0%
%RSD		24.310	2.247	0.756	0.366	0.838	0.849	0.572	0.264	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:51:39	87%	488.800	491.200	490.600	495.900	495.200	83%	489.900	
2	20:52:47	85%	483.600	489.500	490.900	490.000	489.900	83%	483.800	
3	20:53:55	86%	496.600	496.900	499.100	498.700	498.400	81%	497.200	
X		86%	489.700	492.500	493.600	494.900	494.500	82%	490.300	
σ		1%	6.560	3.860	4.808	4.470	4.263	1%	6.739	
%RSD		1	1.340	0.784	0.974	0.903	0.862	1	1.374	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:59:32	91%	0.226	10.760	0.000	0.063	18.880	18.600	18.760	2.923
2	21:00:40	90%	0.152	6.138	0.000	-4.653	17.690	15.840	16.780	2.910
3	21:01:49	89%	0.101	5.957	0.000	-2.116	18.760	19.980	18.790	3.224
X		90%	0.160	7.617	0.000	-2.235	18.450	18.140	18.110	3.019
σ		1%	0.062	2.720	0.000	2.360	0.656	2.109	1.154	0.178
%RSD		1	39.090	35.710	0.000	105.600	3.556	11.630	6.370	5.884
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:59:32	0.627	1.987	0.000	0.000	2.264	21.080	19.270	88%	0.235
2	21:00:40	0.237	-3.065	0.000	0.000	-2.023	16.000	22.550	88%	0.398
3	21:01:49	-0.601	3.513	0.000	0.000	-0.707	31.120	21.250	88%	0.233
X		0.088	0.812	0.000	0.000	-0.156	22.730	21.020	88%	0.289
σ		0.628	3.443	0.000	0.000	2.196	7.693	1.648	0%	0.095
%RSD		715.200	424.200	0.000	0.000	1412.000	33.840	7.839	0	32.920
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:59:32	-0.281	0.204	32.650	12.030	0.318	8.776	12.630	0.171	0.188
2	21:00:40	-0.315	0.241	31.750	12.530	0.351	9.446	9.804	0.162	0.227
3	21:01:49	-0.156	0.251	31.450	10.750	0.420	9.632	12.300	0.179	0.136
X		-0.251	0.232	31.950	11.770	0.363	9.285	11.580	0.171	0.184
σ		0.084	0.025	0.621	0.919	0.052	0.451	1.546	0.009	0.046
%RSD		33.320	10.660	1.944	7.805	14.340	4.853	13.350	5.137	24.990
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:59:32	0.326	0.403	0.213	0.182	0.022	0.140	0.134	0.023	2.137
2	21:00:40	0.285	0.405	0.172	-0.156	-0.310	0.226	0.445	-0.309	3.181
3	21:01:49	0.292	0.391	0.119	0.296	-0.063	0.121	0.063	-0.063	1.295
X		0.301	0.400	0.168	0.107	-0.117	0.162	0.214	-0.116	2.204
σ		0.022	0.008	0.047	0.235	0.173	0.055	0.203	0.172	0.945
%RSD		7.248	1.885	28.010	219.400	147.500	34.170	95.040	148.300	42.870
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:59:32	0.271	0.304	0.269	0.213	0.252	-0.006	85%	0.252	0.299
2	21:00:40	0.189	0.249	0.256	0.197	0.248	-0.003	87%	0.659	0.189
3	21:01:49	0.263	0.246	0.186	0.149	0.208	-0.006	86%	1.239	0.148
X		0.241	0.266	0.237	0.187	0.236	-0.005	86%	0.716	0.212
σ		0.045	0.033	0.045	0.033	0.024	0.002	1%	0.496	0.078
%RSD		18.730	12.340	18.980	17.850	10.150	41.040	1	69.270	36.880
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	20:59:32	0.068	0.247	0.277	0.143	0.375	0.483	0.905	0.986	87%
2	21:00:40	-0.369	0.659	0.200	0.160	0.180	0.401	0.900	1.010	87%
3	21:01:49	-0.611	1.239	0.144	0.266	0.248	0.270	0.873	0.771	87%
X		-0.304	0.715	0.207	0.190	0.268	0.385	0.893	0.922	87%
σ		0.344	0.498	0.067	0.067	0.099	0.107	0.017	0.132	0%
%RSD		113.200	69.740	32.420	35.320	37.150	27.900	1.953	14.300	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	20:59:32	87%	0.284	0.312	0.172	0.162	0.187	86%	0.166	
2	21:00:40	88%	0.193	0.202	0.185	0.164	0.173	87%	0.154	
3	21:01:49	88%	0.155	0.170	0.138	0.150	0.158	88%	0.156	
X		88%	0.210	0.228	0.165	0.159	0.172	87%	0.159	
σ		0%	0.067	0.074	0.024	0.008	0.015	1%	0.007	
%RSD		0	31.630	32.520	14.510	5.001	8.415	1	4.142	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:07:27	93%	0.102	780.100	0.000	229200.000	66200.000	66110.000	65950.000	1.941
2	21:08:35	93%	0.040	775.200	0.000	228400.000	66290.000	65320.000	65970.000	1.820
3	21:09:43	91%	0.043	795.000	0.000	233800.000	67220.000	66790.000	66570.000	1.808
X		92%	0.062	783.400	0.000	230500.000	66570.000	66070.000	66160.000	1.856
σ		1%	0.035	10.350	0.000	2933.000	564.800	737.000	350.400	0.074
%RSD		1	56.180	1.321	0.000	1.272	0.848	1.115	0.530	3.974
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:07:27	21170.000	-13.600	0.000	0.000	7539.000	258300.000	261700.000	98%	1.510
2	21:08:35	21310.000	-13.140	0.000	0.000	7551.000	261300.000	261700.000	96%	1.413
3	21:09:43	21650.000	-14.200	0.000	0.000	7762.000	263000.000	268500.000	94%	1.626
X		21380.000	-13.650	0.000	0.000	7617.000	260900.000	263900.000	96%	1.516
σ		244.900	0.531	0.000	0.000	125.500	2416.000	3922.000	2%	0.107
%RSD		1.146	3.891	0.000	0.000	1.648	0.926	1.486	2	7.024
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:07:27	29.400	31.610	183.200	35.540	0.672	47.910	679.600	-0.005	2.184
2	21:08:35	30.570	31.740	195.800	35.590	0.621	45.970	636.200	0.011	1.951
3	21:09:43	31.780	32.550	207.100	36.590	0.559	46.410	646.100	-0.015	2.130
X		30.580	31.970	195.400	35.910	0.617	46.770	654.000	-0.003	2.088
σ		1.191	0.511	11.940	0.591	0.057	1.015	22.750	0.013	0.122
%RSD		3.893	1.600	6.113	1.645	9.157	2.171	3.479	433.300	5.844
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:07:27	3.489	3.669	9.838	8.217	27.210	0.794	20.890	27.560	-1.349
2	21:08:35	3.204	3.538	9.325	6.914	25.820	1.126	19.290	26.120	2.288
3	21:09:43	3.028	3.282	10.080	8.564	24.690	0.903	20.250	24.960	4.802
X		3.241	3.496	9.748	7.898	25.910	0.941	20.140	26.210	1.914
σ		0.233	0.197	0.387	0.870	1.263	0.169	0.802	1.302	3.093
%RSD		7.183	5.627	3.967	11.020	4.874	17.970	3.984	4.968	161.600
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:07:27	1.861	0.918	0.889	1.011	0.855	0.006	79%	-0.111	0.087
2	21:08:35	0.809	0.698	0.688	0.886	0.770	-0.006	80%	-0.467	0.072
3	21:09:43	0.028	0.991	0.870	0.846	0.807	-0.002	79%	-0.150	0.029
X		0.899	0.869	0.816	0.914	0.811	-0.001	79%	-0.242	0.062
σ		0.920	0.153	0.111	0.086	0.043	0.006	1%	0.195	0.030
%RSD		102.200	17.590	13.570	9.398	5.248	562.000	1	80.480	48.270
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:07:27	0.153	-0.128	0.111	0.106	0.186	0.189	21.610	21.270	88%
2	21:08:35	0.335	-0.483	0.076	0.064	0.099	0.099	20.850	20.310	88%
3	21:09:43	0.115	-0.169	0.043	0.111	0.125	0.103	21.440	21.110	88%
X		0.201	-0.260	0.077	0.094	0.137	0.131	21.300	20.900	88%
σ		0.117	0.195	0.034	0.026	0.045	0.051	0.400	0.513	0%
%RSD		58.430	74.780	44.330	27.260	32.840	38.760	1.876	2.455	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	21:07:27	88%	0.185	0.179	1.083	1.047	1.035	82%	9.527	
2	21:08:35	89%	0.101	0.109	0.847	0.908	0.876	84%	9.279	
3	21:09:43	89%	0.075	0.061	0.884	0.773	0.845	83%	9.366	
X		89%	0.120	0.117	0.938	0.909	0.919	83%	9.390	
σ		1%	0.057	0.059	0.127	0.137	0.102	1%	0.126	
%RSD		1	47.850	51.010	13.540	15.090	11.110	1	1.341	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:15:21	96%	0.027	1589.000	0.000	340700.000	84790.000	84980.000	84600.000	1.882
2	21:16:29	96%	-0.003	1526.000	0.000	328700.000	82160.000	81460.000	80820.000	2.777
3	21:17:37	91%	-0.052	1563.000	0.000	341000.000	84650.000	84140.000	83110.000	4.491
X		94%	-0.009	1559.000	0.000	336800.000	83870.000	83520.000	82840.000	3.050
σ		3%	0.040	31.320	0.000	6991.000	1478.000	1840.000	1903.000	1.326
%RSD		3	426.300	2.009	0.000	2.076	1.762	2.203	2.297	43.470
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:15:21	21090.000	-12.220	0.000	0.000	10320.000	375200.000	380000.000	95%	1.799
2	21:16:29	20210.000	-13.980	0.000	0.000	10010.000	361500.000	369900.000	95%	1.402
3	21:17:37	20910.000	-7.866	0.000	0.000	10380.000	371200.000	378400.000	91%	1.416
X		20740.000	-11.350	0.000	0.000	10240.000	369300.000	376100.000	94%	1.539
σ		467.800	3.147	0.000	0.000	197.700	7072.000	5422.000	3%	0.225
%RSD		2.256	27.720	0.000	0.000	1.931	1.915	1.442	3	14.630
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:15:21	25.830	0.905	190.700	-0.613	0.326	11.850	921.100	-0.195	3.767
2	21:16:29	23.880	0.767	199.000	-2.945	0.326	10.620	854.300	-0.223	3.313
3	21:17:37	25.540	0.783	212.500	-0.944	0.208	10.900	849.500	-0.210	3.577
X		25.080	0.819	200.700	-1.501	0.287	11.120	875.000	-0.209	3.552
σ		1.052	0.076	11.010	1.262	0.068	0.647	40.020	0.014	0.228
%RSD		4.193	9.254	5.485	84.080	23.650	5.815	4.574	6.874	6.420
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:15:21	8.124	8.467	11.280	8.779	36.960	0.761	29.730	37.490	3.430
2	21:16:29	7.889	7.632	11.260	8.409	35.360	0.863	28.250	35.870	5.811
3	21:17:37	7.905	8.250	10.730	8.477	37.920	0.965	28.840	38.410	-0.306
X		7.972	8.116	11.090	8.555	36.750	0.863	28.940	37.260	2.979
σ		0.131	0.433	0.316	0.197	1.293	0.102	0.743	1.287	3.083
%RSD		1.647	5.336	2.846	2.301	3.518	11.860	2.566	3.454	103.500
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:15:21	5.979	0.874	0.674	0.958	0.789	-0.002	76%	-0.330	0.058
2	21:16:29	8.353	0.650	0.647	0.912	0.740	-0.002	76%	-0.872	0.022
3	21:17:37	6.473	0.769	0.649	0.908	0.730	0.002	74%	0.733	-0.010
X		6.935	0.764	0.656	0.926	0.753	-0.001	75%	-0.156	0.023
σ		1.252	0.112	0.015	0.028	0.032	0.003	1%	0.816	0.034
%RSD		18.060	14.650	2.310	3.037	4.218	331.200	2	522.900	146.100
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:15:21	0.395	-0.346	0.094	0.004	0.048	0.023	17.250	18.540	84%
2	21:16:29	0.485	-0.888	0.024	-0.013	-0.005	0.024	17.640	17.700	85%
3	21:17:37	-0.332	0.712	0.026	0.053	0.008	0.014	17.820	17.960	83%
X		0.183	-0.174	0.048	0.015	0.017	0.021	17.570	18.070	84%
σ		0.448	0.814	0.040	0.035	0.028	0.005	0.290	0.427	1%
%RSD		244.900	467.400	82.500	234.300	160.200	25.890	1.649	2.365	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	21:15:21	83%	0.063	0.067	0.479	0.484	0.479	77%	13.750	
2	21:16:29	85%	0.026	0.016	0.459	0.424	0.444	78%	13.260	
3	21:17:37	83%	0.015	0.005	0.439	0.393	0.410	76%	13.520	
X		84%	0.034	0.029	0.459	0.434	0.444	77%	13.510	
σ		1%	0.025	0.033	0.020	0.046	0.034	1%	0.243	
%RSD		1	73.650	112.900	4.363	10.650	7.721	1	1.795	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:23:16	82%	-0.013	930.400	0.000	237200.000	30960.000	30480.000	30630.000	0.561
2	21:24:24	85%	-0.004	852.600	0.000	222400.000	29130.000	28590.000	28620.000	0.130
3	21:25:32	84%	0.042	911.400	0.000	227100.000	29610.000	29270.000	29460.000	0.646
X		84%	0.009	898.100	0.000	228900.000	29900.000	29450.000	29570.000	0.446
σ		1%	0.030	40.570	0.000	7545.000	951.700	957.900	1009.000	0.277
%RSD		2	349.500	4.517	0.000	3.296	3.183	3.253	3.411	62.050
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:23:16	24840.000	0.799	0.000	0.000	6528.000	170500.000	184200.000	81%	1.752
2	21:24:24	23310.000	-1.775	0.000	0.000	6133.000	161100.000	170500.000	84%	1.599
3	21:25:32	23650.000	2.684	0.000	0.000	6232.000	163600.000	174400.000	84%	1.571
X		23930.000	0.569	0.000	0.000	6298.000	165100.000	176400.000	83%	1.641
σ		806.900	2.238	0.000	0.000	205.700	4824.000	7055.000	2%	0.097
%RSD		3.371	393.100	0.000	0.000	3.266	2.922	4.000	2	5.938
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:23:16	37.810	0.821	241.400	37.860	1.171	46.010	450.900	0.036	1.866
2	21:24:24	33.880	0.788	242.500	35.300	0.962	41.490	392.100	0.013	1.549
3	21:25:32	34.890	0.827	254.600	38.210	1.100	42.830	402.300	0.047	1.646
X		35.530	0.812	246.200	37.130	1.078	43.440	415.100	0.032	1.687
σ		2.039	0.021	7.322	1.588	0.106	2.324	31.430	0.018	0.162
%RSD		5.738	2.599	2.974	4.277	9.842	5.349	7.573	55.150	9.603
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:23:16	1.494	1.373	6.909	10.370	13.810	1.111	11.700	13.860	3.389
2	21:24:24	1.082	1.479	6.402	9.428	14.260	0.972	10.510	14.310	1.026
3	21:25:32	1.320	1.331	6.645	8.976	14.080	1.262	10.870	14.130	-1.023
X		1.299	1.395	6.652	9.590	14.050	1.115	11.020	14.100	1.131
σ		0.207	0.076	0.254	0.709	0.228	0.145	0.610	0.227	2.208
%RSD		15.920	5.458	3.816	7.391	1.620	13.020	5.537	1.611	195.300
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:23:16	1.741	1.703	1.674	1.565	1.693	-0.002	73%	-0.814	0.022
2	21:24:24	1.251	1.595	1.478	1.480	1.569	-0.006	77%	-1.096	0.013
3	21:25:32	1.424	1.560	1.666	1.445	1.665	0.006	76%	0.354	0.027
X		1.472	1.620	1.606	1.497	1.642	-0.001	76%	-0.519	0.021
σ		0.249	0.074	0.111	0.061	0.065	0.006	2%	0.769	0.007
%RSD		16.890	4.599	6.925	4.098	3.948	801.100	2	148.200	33.440
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:23:16	0.457	-0.828	0.024	-0.046	-0.030	0.012	34.480	35.470	80%
2	21:24:24	0.660	-1.110	0.020	-0.062	-0.033	-0.009	33.050	33.110	85%
3	21:25:32	-0.204	0.336	0.038	0.024	-0.038	0.001	33.970	33.470	84%
X		0.304	-0.534	0.027	-0.028	-0.034	0.001	33.830	34.010	83%
σ		0.452	0.767	0.009	0.046	0.004	0.011	0.722	1.270	2%
%RSD		148.400	143.600	33.620	161.500	11.280	944.200	2.134	3.734	3
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	21:23:16	80%	0.008	-0.001	0.444	0.357	0.414	76%	6.716	
2	21:24:24	85%	-0.021	-0.022	0.365	0.337	0.357	81%	6.309	
3	21:25:32	85%	-0.001	-0.009	0.439	0.344	0.393	80%	6.496	
X		83%	-0.004	-0.010	0.416	0.346	0.388	79%	6.507	
σ		3%	0.015	0.011	0.044	0.010	0.029	3%	0.204	
%RSD		3	335.700	101.900	10.680	2.800	7.419	3	3.133	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:10	86%	-0.061	1036.000	0.000	300700.000	44840.000	43920.000	44130.000	0.347
2	21:32:19	84%	-0.027	1060.000	0.000	304700.000	45120.000	44040.000	43660.000	0.380
3	21:33:27	86%	-0.028	1049.000	0.000	297200.000	43730.000	43310.000	42810.000	0.174
X		85%	-0.039	1048.000	0.000	300900.000	44560.000	43760.000	43530.000	0.300
σ		1%	0.020	11.690	0.000	3742.000	735.200	391.000	669.200	0.111
%RSD		1	51.190	1.115	0.000	1.244	1.650	0.894	1.537	36.790
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:10	16130.000	-13.300	0.000	0.000	7492.000	219600.000	218500.000	93%	1.058
2	21:32:19	16320.000	-12.200	0.000	0.000	7455.000	203500.000	217500.000	93%	0.840
3	21:33:27	15730.000	-11.400	0.000	0.000	7283.000	199300.000	214700.000	93%	0.809
X		16060.000	-12.300	0.000	0.000	7410.000	207500.000	216900.000	93%	0.902
σ		301.600	0.956	0.000	0.000	111.100	10690.000	1982.000	0%	0.136
%RSD		1.878	7.774	0.000	0.000	1.500	5.153	0.914	0	15.080
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:10	21.240	1.038	210.500	-0.794	0.284	6.598	498.700	-0.105	1.794
2	21:32:19	21.300	1.047	221.000	-0.398	0.363	6.035	484.800	-0.155	1.875
3	21:33:27	22.890	1.022	221.500	-0.193	0.287	5.601	479.400	-0.145	1.730
X		21.810	1.036	217.700	-0.461	0.311	6.078	487.600	-0.135	1.800
σ		0.939	0.012	6.207	0.305	0.045	0.500	9.959	0.026	0.073
%RSD		4.306	1.192	2.852	66.220	14.450	8.227	2.042	19.480	4.048
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:10	0.881	0.968	1.142	6.700	25.730	1.108	19.000	26.020	1.319
2	21:32:19	0.872	0.931	1.276	5.638	24.210	1.388	19.190	24.510	-0.970
3	21:33:27	0.844	1.003	1.207	6.891	23.600	1.131	19.740	23.900	3.531
X		0.866	0.967	1.208	6.410	24.510	1.209	19.310	24.810	1.293
σ		0.019	0.036	0.067	0.675	1.101	0.155	0.386	1.093	2.250
%RSD		2.229	3.707	5.518	10.530	4.490	12.850	1.999	4.407	174.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:10	1.678	1.907	1.808	1.866	1.931	0.002	77%	-1.731	0.028
2	21:32:19	1.820	1.845	1.788	2.018	1.698	-0.006	76%	-1.064	0.016
3	21:33:27	1.798	1.917	1.856	1.735	1.707	0.010	76%	-0.867	-0.003
X		1.765	1.890	1.817	1.873	1.779	0.002	76%	-1.220	0.013
σ		0.077	0.039	0.035	0.142	0.132	0.008	1%	0.453	0.016
%RSD		4.335	2.087	1.933	7.578	7.419	443.000	1	37.100	116.600
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:31:10	1.046	-1.745	0.025	-0.111	-0.053	-0.027	33.270	33.830	86%
2	21:32:19	0.708	-1.080	0.007	-0.082	-0.057	-0.049	34.320	33.330	85%
3	21:33:27	0.421	-0.885	0.013	-0.036	-0.024	-0.042	34.060	32.250	86%
X		0.725	-1.237	0.015	-0.077	-0.045	-0.039	33.880	33.140	86%
σ		0.313	0.451	0.009	0.038	0.018	0.011	0.546	0.810	1%
%RSD		43.110	36.460	62.730	49.260	40.130	28.240	1.613	2.446	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	21:31:10	86%	-0.013	-0.016	0.461	0.428	0.446	81%	13.640	
2	21:32:19	85%	-0.015	-0.018	0.454	0.377	0.429	80%	13.660	
3	21:33:27	85%	-0.020	-0.022	0.431	0.384	0.404	81%	13.400	
X		86%	-0.016	-0.019	0.448	0.396	0.426	81%	13.570	
σ		1%	0.003	0.003	0.016	0.028	0.021	0%	0.144	
%RSD		1	20.700	18.210	3.484	7.063	4.961	1	1.060	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:06	80%	-0.012	1336.000	0.000	392600.000	49890.000	48600.000	48590.000	1.732
2	21:40:14	83%	-0.026	1311.000	0.000	374800.000	47380.000	46630.000	46270.000	1.809
3	21:41:22	84%	-0.016	1265.000	0.000	371700.000	46830.000	45880.000	45220.000	1.497
X		82%	-0.018	1304.000	0.000	379700.000	48030.000	47040.000	46690.000	1.679
σ		2%	0.007	35.690	0.000	11300.000	1630.000	1403.000	1723.000	0.162
%RSD		3	40.680	2.737	0.000	2.975	3.394	2.983	3.690	9.659
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:06	23270.000	20.610	0.000	0.000	6593.000	218400.000	234100.000	90%	1.743
2	21:40:14	22200.000	13.240	0.000	0.000	6351.000	210300.000	224600.000	93%	1.319
3	21:41:22	22080.000	11.840	0.000	0.000	6298.000	209000.000	224700.000	92%	1.857
X		22520.000	15.230	0.000	0.000	6414.000	212600.000	227800.000	92%	1.640
σ		657.600	4.715	0.000	0.000	157.000	5062.000	5434.000	1%	0.283
%RSD		2.920	30.960	0.000	0.000	2.449	2.381	2.385	1	17.290
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:06	31.220	24.880	220.800	20.620	1.258	26.600	532.300	0.369	9.958
2	21:40:14	29.860	24.060	224.200	19.120	1.173	25.340	534.900	0.415	9.639
3	21:41:22	30.030	23.910	229.900	18.950	1.236	25.170	519.900	0.404	10.160
X		30.370	24.280	225.000	19.560	1.223	25.700	529.000	0.396	9.918
σ		0.739	0.524	4.595	0.915	0.044	0.780	7.999	0.024	0.261
%RSD		2.432	2.158	2.042	4.676	3.602	3.037	1.512	6.039	2.628
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:06	1.379	1.506	3.621	9.230	20.450	1.036	16.310	20.750	0.198
2	21:40:14	1.341	1.582	3.686	9.738	19.530	1.089	15.020	19.820	4.169
3	21:41:22	1.246	1.342	3.536	8.089	20.070	1.351	15.100	20.350	-0.413
X		1.322	1.477	3.615	9.019	20.020	1.159	15.480	20.310	1.318
σ		0.069	0.123	0.075	0.845	0.460	0.169	0.719	0.465	2.488
%RSD		5.209	8.330	2.072	9.364	2.297	14.560	4.645	2.288	188.700
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:06	4.234	1.380	1.145	1.322	1.159	0.002	72%	0.383	0.009
2	21:40:14	1.083	1.101	1.102	1.366	1.204	0.002	74%	0.167	0.002
3	21:41:22	0.965	1.226	1.180	1.060	1.228	0.002	74%	-0.220	0.009
X		2.094	1.236	1.142	1.249	1.197	0.002	73%	0.110	0.007
σ		1.854	0.140	0.039	0.166	0.035	0.000	1%	0.306	0.004
%RSD		88.540	11.330	3.421	13.260	2.920	5.593	1	278.500	63.190
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:39:06	-0.218	0.364	0.001	0.018	-0.026	-0.029	24.750	25.230	80%
2	21:40:14	-0.106	0.145	0.018	0.014	-0.032	-0.002	25.030	23.870	83%
3	21:41:22	0.219	-0.240	0.010	-0.022	-0.055	-0.020	23.700	23.840	84%
X		-0.035	0.090	0.010	0.003	-0.037	-0.017	24.490	24.320	82%
σ		0.227	0.306	0.009	0.022	0.015	0.014	0.701	0.797	2%
%RSD		648.400	341.600	89.520	630.200	40.650	81.480	2.863	3.276	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	21:39:06	80%	-0.022	-0.013	0.539	0.482	0.497	75%	8.862	
2	21:40:14	83%	-0.016	-0.023	0.553	0.473	0.513	77%	8.617	
3	21:41:22	84%	-0.017	-0.022	0.483	0.495	0.500	78%	8.448	
X		82%	-0.018	-0.020	0.525	0.483	0.503	77%	8.643	
σ		2%	0.003	0.005	0.037	0.011	0.008	1%	0.208	
%RSD		3	18.320	27.450	7.018	2.309	1.604	2	2.406	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:47:02	90%	-0.073	62.610	0.000	10640.000	3188.000	3108.000	3129.000	-0.470
2	21:48:10	92%	-0.052	56.780	0.000	10320.000	3120.000	3030.000	3074.000	-0.542
3	21:49:18	91%	-0.052	57.630	0.000	10510.000	3180.000	3119.000	3150.000	-0.391
X		91%	-0.059	59.010	0.000	10490.000	3163.000	3086.000	3118.000	-0.468
σ		1%	0.012	3.153	0.000	158.700	37.060	48.680	39.450	0.076
%RSD		2	20.340	5.343	0.000	1.513	1.172	1.578	1.265	16.140
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:47:02	960.000	1.763	0.000	0.000	351.100	11620.000	11940.000	88%	-0.062
2	21:48:10	963.300	-1.046	0.000	0.000	343.200	11770.000	12040.000	89%	0.066
3	21:49:18	964.600	-1.764	0.000	0.000	347.000	11670.000	12200.000	89%	-0.095
X		962.600	-0.349	0.000	0.000	347.100	11690.000	12060.000	89%	-0.030
σ		2.416	1.864	0.000	0.000	3.930	76.190	129.000	1%	0.085
%RSD		0.251	533.700	0.000	0.000	1.132	0.652	1.070	1	282.000
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:47:02	2.168	1.667	65.900	6.681	0.051	3.818	34.520	-0.033	0.161
2	21:48:10	0.191	1.698	65.790	6.717	0.031	3.061	34.730	-0.025	0.166
3	21:49:18	0.145	1.577	64.320	4.156	0.033	3.928	33.090	-0.030	0.117
X		0.835	1.647	65.340	5.851	0.038	3.602	34.110	-0.029	0.148
σ		1.155	0.063	0.880	1.469	0.011	0.472	0.896	0.004	0.027
%RSD		138.300	3.843	1.347	25.100	29.630	13.100	2.626	14.500	18.330
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:47:02	0.094	0.187	0.467	-0.202	0.185	0.416	1.029	0.185	2.318
2	21:48:10	0.120	0.176	0.515	-0.105	0.624	0.383	1.034	0.623	2.084
3	21:49:18	0.123	0.129	0.437	0.309	0.380	0.306	2.003	0.379	2.058
X		0.112	0.164	0.473	0.001	0.396	0.368	1.355	0.395	2.153
σ		0.016	0.031	0.040	0.271	0.220	0.056	0.561	0.219	0.143
%RSD		14.440	18.870	8.382	28020.000	55.500	15.280	41.380	55.430	6.641
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:47:02	0.007	-0.023	-0.025	-0.039	-0.006	-0.003	86%	0.170	-0.033
2	21:48:10	-0.040	-0.018	-0.026	-0.049	-0.019	-0.003	88%	-0.094	-0.040
3	21:49:18	-0.022	-0.033	-0.017	-0.001	-0.004	0.008	88%	0.579	-0.035
X		-0.018	-0.025	-0.023	-0.030	-0.010	0.001	87%	0.218	-0.036
σ		0.024	0.008	0.005	0.026	0.008	0.006	1%	0.339	0.004
%RSD		131.800	31.910	22.730	86.540	85.700	703.800	1	155.600	9.834
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:47:02	-0.117	0.167	-0.025	-0.007	-0.080	-0.086	0.866	0.819	87%
2	21:48:10	0.017	-0.095	-0.026	-0.014	-0.074	-0.097	0.686	0.774	88%
3	21:49:18	-0.275	0.581	-0.028	0.017	-0.065	-0.089	0.704	0.649	88%
X		-0.125	0.218	-0.026	-0.001	-0.073	-0.091	0.752	0.747	88%
σ		0.146	0.340	0.002	0.016	0.008	0.006	0.100	0.088	0%
%RSD		116.600	156.300	6.655	1216.000	10.700	6.283	13.230	11.750	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	21:47:02	87%	-0.032	-0.031	0.036	0.030	0.031	86%	0.325	
2	21:48:10	88%	-0.032	-0.031	0.029	0.029	0.035	86%	0.313	
3	21:49:18	90%	-0.027	-0.031	0.007	0.023	0.021	87%	0.328	
X		88%	-0.030	-0.031	0.024	0.027	0.029	86%	0.322	
σ		1%	0.003	0.000	0.015	0.003	0.008	1%	0.008	
%RSD		2	9.693	1.064	62.650	12.670	25.910	1	2.522	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:54:58	92%	-0.042	90.510	0.000	16090.000	4092.000	4110.000	4110.000	-0.258
2	21:56:06	92%	-0.031	82.710	0.000	16160.000	4089.000	4051.000	4107.000	-0.294
3	21:57:14	94%	-0.022	85.550	0.000	15840.000	4047.000	4055.000	4009.000	-0.269
X		93%	-0.032	86.260	0.000	16030.000	4076.000	4072.000	4075.000	-0.274
σ		1%	0.010	3.946	0.000	169.600	25.160	33.080	57.540	0.019
%RSD		1	31.040	4.575	0.000	1.058	0.617	0.812	1.412	6.817
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:54:58	972.200	-9.656	0.000	0.000	457.200	16630.000	17380.000	93%	-0.131
2	21:56:06	972.200	-3.901	0.000	0.000	451.500	16730.000	17210.000	94%	0.145
3	21:57:14	972.500	-3.007	0.000	0.000	448.900	16600.000	17220.000	94%	-0.131
X		972.300	-5.521	0.000	0.000	452.500	16650.000	17270.000	94%	-0.039
σ		0.209	3.608	0.000	0.000	4.209	67.500	98.270	1%	0.160
%RSD		0.022	65.360	0.000	0.000	0.930	0.405	0.569	1	412.600
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:54:58	1.107	0.090	48.760	4.127	-0.021	0.972	43.380	-0.042	0.148
2	21:56:06	1.925	0.119	45.650	3.583	-0.020	0.711	43.650	-0.040	0.193
3	21:57:14	0.246	0.140	47.840	3.330	0.013	1.313	45.410	-0.050	0.232
X		1.092	0.116	47.420	3.680	-0.009	0.999	44.150	-0.044	0.191
σ		0.840	0.025	1.600	0.407	0.019	0.302	1.102	0.005	0.042
%RSD		76.870	21.240	3.373	11.070	211.100	30.240	2.496	12.160	22.060
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:54:58	0.378	0.325	0.387	0.544	0.993	0.180	1.498	0.992	1.441
2	21:56:06	0.377	0.341	0.348	0.443	0.594	0.208	1.156	0.594	4.730
3	21:57:14	0.361	0.315	0.381	0.604	1.917	0.145	0.880	1.913	0.099
X		0.372	0.327	0.372	0.530	1.168	0.178	1.178	1.166	2.090
σ		0.009	0.013	0.021	0.081	0.679	0.032	0.309	0.676	2.383
%RSD		2.457	3.991	5.682	15.350	58.110	17.720	26.270	57.990	114.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:54:58	0.003	-0.019	-0.036	-0.074	-0.013	-0.003	90%	-0.354	-0.030
2	21:56:06	-0.015	0.006	-0.018	-0.042	0.001	0.001	90%	-0.369	-0.013
3	21:57:14	-0.015	0.000	-0.032	-0.027	-0.005	0.001	91%	0.251	-0.024
X		-0.009	-0.004	-0.029	-0.048	-0.006	-0.001	90%	-0.157	-0.022
σ		0.011	0.013	0.010	0.024	0.007	0.002	1%	0.354	0.009
%RSD		119.900	295.800	33.570	49.900	131.500	399.400	1	224.900	40.520
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	21:54:58	0.204	-0.357	-0.003	-0.042	-0.062	-0.093	0.528	0.638	91%
2	21:56:06	0.267	-0.375	-0.008	-0.042	-0.072	-0.078	0.482	0.617	93%
3	21:57:14	-0.107	0.249	-0.018	-0.002	-0.037	-0.095	0.603	0.643	92%
X		0.122	-0.161	-0.010	-0.028	-0.057	-0.088	0.538	0.633	92%
σ		0.200	0.355	0.008	0.023	0.018	0.009	0.061	0.014	1%
%RSD		164.600	220.300	77.260	81.770	31.140	10.420	11.430	2.167	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	21:54:58	92%	-0.027	-0.026	-0.008	-0.015	-0.002	90%	0.503	
2	21:56:06	93%	-0.023	-0.029	0.005	0.002	0.006	92%	0.503	
3	21:57:14	92%	-0.029	-0.026	-0.001	0.002	-0.004	90%	0.504	
X		92%	-0.026	-0.027	-0.001	-0.004	0.000	91%	0.503	
σ		0%	0.003	0.002	0.006	0.010	0.006	1%	0.001	
%RSD		0	10.920	6.556	541.800	270.000	18120.000	1	0.197	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:54	92%	-0.052	48.670	0.000	9659.000	1302.000	1277.000	1279.000	-0.300
2	22:04:02	90%	-0.041	44.790	0.000	9765.000	1304.000	1263.000	1293.000	-0.049
3	22:05:10	91%	-0.052	50.480	0.000	9685.000	1315.000	1292.000	1292.000	-0.355
X		91%	-0.048	47.980	0.000	9703.000	1307.000	1278.000	1288.000	-0.234
σ		1%	0.006	2.905	0.000	55.400	6.834	14.330	7.370	0.163
%RSD		1	13.290	6.054	0.000	0.571	0.523	1.122	0.572	69.460
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:54	1004.000	-4.764	0.000	0.000	248.800	6805.000	7355.000	89%	0.035
2	22:04:02	1003.000	-4.456	0.000	0.000	243.600	6959.000	7255.000	90%	-0.097
3	22:05:10	1002.000	-6.394	0.000	0.000	248.400	7049.000	7312.000	91%	-0.065
X		1003.000	-5.205	0.000	0.000	246.900	6937.000	7307.000	90%	-0.042
σ		0.932	1.041	0.000	0.000	2.899	123.400	50.120	1%	0.069
%RSD		0.093	20.010	0.000	0.000	1.174	1.779	0.686	1	162.900
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:54	0.747	0.187	45.640	7.697	0.005	3.696	20.390	-0.018	0.068
2	22:04:02	0.836	0.136	44.960	3.245	0.028	3.449	19.010	-0.033	0.116
3	22:05:10	1.167	0.132	43.960	3.771	0.036	3.599	16.810	-0.038	0.050
X		0.916	0.151	44.850	4.904	0.023	3.581	18.740	-0.030	0.078
σ		0.221	0.031	0.843	2.432	0.016	0.125	1.805	0.010	0.034
%RSD		24.140	20.200	1.878	49.600	71.310	3.483	9.634	34.220	43.530
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:54	0.029	0.103	0.213	-0.217	0.099	0.308	1.164	0.099	2.181
2	22:04:02	0.041	0.081	0.245	-0.324	0.753	0.334	0.777	0.754	-0.654
3	22:05:10	0.037	-0.000	0.260	0.152	0.178	0.229	0.474	0.178	1.162
X		0.036	0.061	0.239	-0.130	0.343	0.290	0.805	0.344	0.896
σ		0.006	0.054	0.024	0.250	0.357	0.055	0.345	0.357	1.436
%RSD		17.180	88.390	9.927	192.900	104.000	18.830	42.920	103.900	160.200
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:54	0.006	0.013	0.041	0.009	0.028	-0.003	87%	0.028	-0.027
2	22:04:02	0.025	0.019	0.013	-0.007	0.028	0.001	86%	-1.026	-0.033
3	22:05:10	-0.030	0.054	0.031	0.050	0.034	-0.006	87%	1.362	-0.032
X		0.000	0.028	0.029	0.017	0.030	-0.003	87%	0.121	-0.030
σ		0.028	0.022	0.014	0.029	0.003	0.004	1%	1.197	0.003
%RSD		5993.000	77.600	49.690	167.900	11.200	137.400	1	986.400	11.350
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:02:54	0.010	0.026	-0.023	-0.014	-0.025	-0.097	1.332	1.156	88%
2	22:04:02	0.608	-1.031	-0.019	-0.085	-0.039	-0.094	1.442	1.424	89%
3	22:05:10	-0.619	1.362	-0.016	0.061	-0.049	-0.101	1.207	1.171	88%
X		-0.001	0.119	-0.019	-0.013	-0.038	-0.097	1.327	1.251	88%
σ		0.614	1.200	0.003	0.073	0.012	0.004	0.117	0.151	1%
%RSD		105400.000	1010.000	17.610	573.900	32.590	3.624	8.849	12.050	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	22:02:54	87%	-0.029	-0.028	-0.018	-0.019	-0.007	87%	0.226	
2	22:04:02	88%	-0.026	-0.024	-0.013	-0.014	-0.014	87%	0.228	
3	22:05:10	89%	-0.025	-0.029	-0.014	-0.029	-0.012	86%	0.238	
X		88%	-0.027	-0.027	-0.015	-0.021	-0.011	87%	0.231	
σ		1%	0.002	0.002	0.003	0.008	0.004	0%	0.007	
%RSD		1	6.833	9.083	18.980	36.900	34.040	0	2.915	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:51	95%	-0.012	51.880	0.000	12880.000	1973.000	1944.000	1940.000	-0.275
2	22:12:00	90%	-0.052	51.320	0.000	13850.000	2103.000	2060.000	2068.000	-0.193
3	22:13:08	95%	-0.074	51.410	0.000	12980.000	1971.000	1938.000	1946.000	-0.446
X		93%	-0.046	51.540	0.000	13240.000	2016.000	1981.000	1985.000	-0.304
σ		3%	0.031	0.304	0.000	536.300	75.750	68.950	72.040	0.129
%RSD		3	67.440	0.589	0.000	4.051	3.758	3.481	3.630	42.330
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:51	693.100	-4.965	0.000	0.000	307.100	9395.000	9693.000	91%	0.092
2	22:12:00	740.400	-4.037	0.000	0.000	333.000	9818.000	10130.000	89%	-0.095
3	22:13:08	693.700	-6.938	0.000	0.000	314.700	9560.000	9737.000	91%	-0.066
X		709.100	-5.313	0.000	0.000	318.300	9591.000	9854.000	91%	-0.023
σ		27.160	1.481	0.000	0.000	13.310	212.900	241.600	1%	0.101
%RSD		3.830	27.880	0.000	0.000	4.182	2.220	2.451	1	436.300
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:51	0.996	0.155	38.960	2.185	0.035	2.428	27.420	-0.035	0.201
2	22:12:00	0.254	0.170	40.770	5.367	0.032	3.372	30.580	-0.032	0.052
3	22:13:08	0.243	0.081	40.060	2.634	0.014	3.013	31.270	-0.028	0.088
X		0.498	0.135	39.930	3.395	0.027	2.938	29.760	-0.032	0.114
σ		0.432	0.048	0.910	1.722	0.011	0.476	2.051	0.003	0.078
%RSD		86.840	35.310	2.280	50.730	41.800	16.210	6.892	10.820	68.480
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:51	0.000	0.033	0.108	-0.191	0.697	0.283	0.377	0.697	1.378
2	22:12:00	0.003	0.001	0.037	0.306	0.344	0.177	1.336	0.344	2.177
3	22:13:08	-0.022	-0.001	0.012	0.391	0.891	0.182	1.394	0.889	0.973
X		-0.007	0.011	0.053	0.169	0.644	0.214	1.036	0.643	1.509
σ		0.014	0.019	0.050	0.314	0.277	0.060	0.571	0.277	0.613
%RSD		213.500	175.900	94.350	185.900	43.050	28.160	55.140	43.020	40.610
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:51	0.023	0.017	0.021	0.008	0.042	-0.003	88%	1.003	-0.038
2	22:12:00	0.006	0.044	-0.016	-0.024	0.040	0.005	87%	0.510	-0.038
3	22:13:08	0.004	0.012	-0.008	-0.001	0.032	-0.003	89%	-1.071	-0.032
X		0.011	0.024	-0.001	-0.006	0.038	-0.000	88%	0.147	-0.036
σ		0.010	0.017	0.020	0.016	0.005	0.004	1%	1.083	0.004
%RSD		91.980	70.850	2234.000	285.000	13.830	1380.000	1	736.400	10.380
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:10:51	-0.545	1.002	-0.016	0.040	-0.069	-0.094	1.167	1.261	88%
2	22:12:00	-0.294	0.513	-0.021	0.013	-0.049	-0.102	1.333	1.352	86%
3	22:13:08	0.517	-1.072	-0.025	-0.075	-0.073	-0.099	1.224	1.293	89%
X		-0.107	0.148	-0.021	-0.008	-0.064	-0.098	1.241	1.302	88%
σ		0.555	1.085	0.004	0.060	0.013	0.004	0.085	0.046	2%
%RSD		517.400	734.900	20.780	793.800	20.620	4.358	6.815	3.557	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	22:10:51	88%	-0.026	-0.030	-0.023	-0.021	-0.018	87%	0.480	
2	22:12:00	86%	-0.025	-0.026	-0.027	-0.024	-0.018	86%	0.514	
3	22:13:08	89%	-0.031	-0.026	-0.012	-0.031	-0.015	88%	0.481	
X		88%	-0.027	-0.027	-0.020	-0.025	-0.017	87%	0.492	
σ		1%	0.003	0.003	0.008	0.005	0.001	1%	0.019	
%RSD		1	12.450	9.502	38.380	19.630	8.760	2	3.909	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:49	91%	-0.041	57.210	0.000	16930.000	2205.000	2153.000	2167.000	-0.025
2	22:19:57	92%	-0.084	57.120	0.000	16700.000	2191.000	2180.000	2177.000	0.024
3	22:21:06	91%	-0.052	66.470	0.000	17140.000	2217.000	2191.000	2213.000	0.073
X		91%	-0.059	60.270	0.000	16930.000	2205.000	2175.000	2186.000	0.024
σ		1%	0.022	5.371	0.000	219.800	13.060	19.600	24.130	0.049
%RSD		1	37.480	8.911	0.000	1.299	0.593	0.901	1.104	206.500
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:49	1007.000	-2.733	0.000	0.000	282.700	10240.000	10480.000	90%	0.096
2	22:19:57	1002.000	-6.465	0.000	0.000	271.700	10070.000	10360.000	91%	0.220
3	22:21:06	1034.000	-1.462	0.000	0.000	284.900	10280.000	10710.000	90%	0.097
X		1015.000	-3.553	0.000	0.000	279.700	10200.000	10520.000	90%	0.138
σ		17.410	2.600	0.000	0.000	7.077	111.600	174.100	1%	0.072
%RSD		1.716	73.180	0.000	0.000	2.530	1.094	1.655	1	52.180
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:49	1.276	1.298	37.090	6.858	0.053	3.441	28.260	-0.015	0.477
2	22:19:57	0.924	1.203	38.330	5.918	0.019	2.657	26.820	-0.002	0.402
3	22:21:06	1.036	1.192	37.510	4.390	0.073	3.451	26.840	-0.014	0.474
X		1.079	1.231	37.640	5.722	0.049	3.183	27.310	-0.010	0.451
σ		0.180	0.058	0.629	1.246	0.027	0.456	0.823	0.008	0.043
%RSD		16.650	4.747	1.671	21.770	56.520	14.310	3.012	73.770	9.422
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:49	0.010	0.059	0.264	-0.275	-0.188	0.293	1.252	-0.187	3.782
2	22:19:57	0.058	0.039	0.202	0.473	0.453	0.161	0.714	0.452	0.057
3	22:21:06	0.018	0.020	0.166	-0.033	0.382	0.247	1.114	0.382	1.807
X		0.029	0.040	0.211	0.055	0.215	0.234	1.027	0.215	1.882
σ		0.026	0.020	0.050	0.382	0.351	0.067	0.280	0.350	1.863
%RSD		88.660	49.260	23.600	695.700	163.000	28.650	27.230	162.700	99.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:49	0.031	0.011	0.020	-0.010	0.020	-0.003	89%	-0.252	-0.037
2	22:19:57	0.040	0.027	0.016	-0.041	-0.001	-0.003	89%	-0.383	-0.038
3	22:21:06	0.006	0.003	-0.035	-0.008	0.021	-0.006	87%	-0.607	-0.038
X		0.026	0.014	0.000	-0.019	0.013	-0.004	88%	-0.414	-0.038
σ		0.018	0.012	0.031	0.019	0.013	0.002	1%	0.180	0.001
%RSD		68.560	89.980	19500.000	97.020	93.200	51.830	1	43.440	2.397
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:18:49	0.099	-0.256	-0.023	-0.030	-0.042	-0.104	0.962	0.770	91%
2	22:19:57	0.167	-0.388	-0.026	-0.038	-0.047	-0.096	0.895	0.765	91%
3	22:21:06	0.282	-0.613	-0.025	-0.044	-0.055	-0.096	0.953	0.743	90%
X		0.183	-0.419	-0.025	-0.037	-0.048	-0.099	0.937	0.759	91%
σ		0.092	0.181	0.002	0.007	0.006	0.005	0.036	0.015	1%
%RSD		50.590	43.100	6.721	17.950	12.980	5.071	3.850	1.927	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	22:18:49	91%	-0.028	-0.028	-0.020	-0.021	-0.020	90%	0.295	
2	22:19:57	91%	-0.029	-0.030	-0.016	-0.010	-0.008	90%	0.298	
3	22:21:06	89%	-0.030	-0.026	-0.014	-0.031	-0.018	88%	0.309	
X		90%	-0.029	-0.028	-0.016	-0.021	-0.015	89%	0.300	
σ		1%	0.001	0.002	0.003	0.010	0.007	1%	0.007	
%RSD		1	2.691	7.286	18.810	50.110	42.880	1	2.414	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:26:44	83%	503.500	493.300	0.000	50670.000	51320.000	51040.000	51250.000	10090.000
2	22:27:53	84%	495.900	489.300	0.000	50560.000	50650.000	50640.000	50550.000	10030.000
3	22:29:01	82%	515.700	506.900	0.000	51690.000	51970.000	51230.000	51290.000	10240.000
X		83%	505.000	496.500	0.000	50970.000	51310.000	50970.000	51030.000	10120.000
σ		1%	9.963	9.256	0.000	622.200	662.100	301.300	415.100	105.000
%RSD		2	1.973	1.864	0.000	1.221	1.290	0.591	0.813	1.038
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:26:44	514.300	9934.000	0.000	0.000	25610.000	52440.000	49460.000	82%	493.300
2	22:27:53	522.600	9862.000	0.000	0.000	25560.000	52950.000	49660.000	82%	491.200
3	22:29:01	537.600	10030.000	0.000	0.000	25980.000	53830.000	49760.000	81%	492.300
X		524.800	9943.000	0.000	0.000	25720.000	53070.000	49630.000	82%	492.300
σ		11.850	85.090	0.000	0.000	229.900	703.300	148.900	1%	1.023
%RSD		2.258	0.856	0.000	0.000	0.894	1.325	0.300	1	0.208
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:26:44	494.000	497.800	44.790	25650.000	1007.000	25610.000	25750.000	497.200	491.100
2	22:27:53	492.800	492.200	44.150	25490.000	1005.000	25310.000	25330.000	488.100	489.200
3	22:29:01	497.600	499.500	50.140	25800.000	1015.000	25730.000	25810.000	498.100	499.500
X		494.800	496.500	46.360	25640.000	1009.000	25550.000	25630.000	494.500	493.300
σ		2.537	3.811	3.289	154.800	5.342	218.600	262.600	5.564	5.462
%RSD		0.513	0.767	7.095	0.604	0.529	0.856	1.024	1.125	1.107
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:26:44	991.400	994.900	1011.000	496.900	492.600	-0.944	494.600	492.500	3.081
2	22:27:53	977.300	979.500	1002.000	499.900	491.700	-1.380	493.900	491.200	9.249
3	22:29:01	1002.000	1007.000	1019.000	505.800	497.600	-2.007	500.300	497.400	1.810
X		990.200	993.900	1010.000	500.800	494.000	-1.444	496.300	493.700	4.714
σ		12.340	13.980	8.303	4.513	3.200	0.535	3.529	3.279	3.979
%RSD		1.246	1.407	0.822	0.901	0.648	37.030	0.711	0.664	84.410
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:26:44	498.600	501.100	502.000	503.400	498.000	0.006	78%	512.900	504.100
2	22:27:53	494.900	493.800	496.300	495.200	489.800	-0.002	79%	502.400	499.700
3	22:29:01	494.700	496.300	503.800	501.800	500.400	-0.002	77%	512.400	511.400
X		496.100	497.100	500.700	500.100	496.100	0.000	78%	509.200	505.100
σ		2.179	3.703	3.926	4.354	5.555	0.005	1%	5.921	5.919
%RSD		0.439	0.745	0.784	0.871	1.120	1183.000	1	1.163	1.172
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:26:44	12.010	512.400	504.300	499.800	499.300	503.300	2500.000	2504.000	84%
2	22:27:53	18.440	502.100	504.200	500.800	493.200	501.800	2508.000	2491.000	84%
3	22:29:01	16.600	511.900	507.000	508.000	510.100	511.000	2515.000	2512.000	83%
X		15.680	508.800	505.200	502.900	500.800	505.400	2507.000	2502.000	83%
σ		3.314	5.802	1.592	4.473	8.556	4.940	7.681	10.910	1%
%RSD		21.130	1.140	0.315	0.889	1.708	0.978	0.306	0.436	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	22:26:44	83%	492.900	497.100	491.300	495.000	495.100	81%	509.800	
2	22:27:53	83%	496.800	500.500	497.600	497.500	498.300	81%	508.600	
3	22:29:01	83%	501.100	506.500	507.200	508.900	506.300	80%	508.300	
X		83%	497.000	501.400	498.700	500.500	499.900	81%	508.900	
σ		0%	4.098	4.713	7.976	7.429	5.757	1%	0.780	
%RSD		0	0.825	0.940	1.599	1.484	1.152	1	0.153	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:34:39	87%	0.094	10.840	0.000	-3.479	11.880	12.070	11.380	1.586
2	22:35:47	86%	0.164	9.379	0.000	-3.953	14.300	12.270	13.550	2.431
3	22:36:55	88%	0.026	8.436	0.000	-20.950	4.707	4.183	3.721	0.677
X		87%	0.095	9.553	0.000	-9.461	10.300	9.507	9.552	1.565
σ		1%	0.069	1.214	0.000	9.953	4.989	4.612	5.164	0.877
%RSD		1	72.870	12.710	0.000	105.200	48.450	48.510	54.070	56.040
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:34:39	-0.547	0.133	0.000	0.000	-3.209	6.369	18.870	84%	0.219
2	22:35:47	-0.559	1.546	0.000	0.000	-5.941	8.134	23.070	84%	0.390
3	22:36:55	-1.455	-0.701	0.000	0.000	-13.280	11.630	8.531	85%	0.047
X		-0.853	0.326	0.000	0.000	-7.477	8.710	16.820	84%	0.219
σ		0.521	1.136	0.000	0.000	5.209	2.676	7.481	0%	0.172
%RSD		61.020	348.700	0.000	0.000	69.660	30.720	44.470	0	78.510
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:34:39	-0.112	0.196	36.930	6.995	0.194	7.194	9.738	0.099	0.174
2	22:35:47	0.176	0.265	34.920	10.550	0.247	8.333	14.250	0.145	0.174
3	22:36:55	-0.202	0.078	34.150	6.157	0.103	4.866	14.710	0.052	0.112
X		-0.046	0.180	35.330	7.899	0.181	6.798	12.900	0.099	0.153
σ		0.198	0.094	1.436	2.330	0.073	1.767	2.746	0.047	0.036
%RSD		429.600	52.410	4.063	29.500	40.300	26.000	21.290	47.680	23.240
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:34:39	0.232	0.235	0.141	-0.149	0.118	0.221	0.572	0.119	0.566
2	22:35:47	0.278	0.308	0.207	0.189	0.120	0.143	0.798	0.120	0.277
3	22:36:55	0.096	0.141	-0.064	-0.104	-0.142	0.174	-0.256	-0.141	1.499
X		0.202	0.228	0.094	-0.021	0.032	0.179	0.371	0.033	0.781
σ		0.095	0.084	0.141	0.184	0.151	0.039	0.555	0.150	0.638
%RSD		47.010	36.750	149.800	865.900	468.000	21.720	149.600	460.100	81.790
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:34:39	0.196	0.268	0.215	0.180	0.229	0.005	82%	0.764	0.160
2	22:35:47	0.246	0.231	0.191	0.200	0.247	-0.003	81%	0.473	0.200
3	22:36:55	0.040	0.081	0.107	0.083	0.109	-0.003	83%	-0.114	0.033
X		0.161	0.193	0.171	0.155	0.195	0.000	82%	0.374	0.131
σ		0.108	0.099	0.057	0.062	0.075	0.005	1%	0.447	0.087
%RSD		66.920	51.060	33.140	40.340	38.360	4332.000	1	119.600	66.660
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:34:39	-0.305	0.761	0.174	0.126	0.420	0.505	0.715	0.693	83%
2	22:35:47	-0.214	0.472	0.168	0.202	0.336	0.461	0.736	0.692	82%
3	22:36:55	0.086	-0.117	0.055	0.041	0.217	0.180	0.240	0.287	84%
X		-0.144	0.372	0.132	0.123	0.325	0.382	0.564	0.558	83%
σ		0.205	0.448	0.067	0.081	0.102	0.176	0.281	0.234	1%
%RSD		141.800	120.400	50.710	65.650	31.540	46.200	49.750	41.940	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	22:34:39	83%	0.195	0.190	0.117	0.149	0.128	84%	0.108	
2	22:35:47	83%	0.192	0.167	0.167	0.154	0.151	82%	0.129	
3	22:36:55	83%	0.052	0.059	0.046	0.041	0.048	83%	0.050	
X		83%	0.146	0.139	0.110	0.115	0.109	83%	0.095	
σ		0%	0.082	0.070	0.061	0.064	0.054	1%	0.041	
%RSD		0	55.920	50.350	55.310	55.940	49.880	1	42.820	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:34	86%	0.150	1014.000	0.000	297900.000	70460.000	70060.000	69700.000	4.364
2	22:43:42	87%	0.049	1025.000	0.000	304200.000	71550.000	70880.000	70310.000	2.875
3	22:44:50	90%	0.109	1006.000	0.000	298000.000	68890.000	68280.000	68360.000	2.083
X		88%	0.103	1015.000	0.000	300000.000	70300.000	69740.000	69460.000	3.107
σ		2%	0.051	9.973	0.000	3598.000	1335.000	1329.000	995.400	1.158
%RSD		2	49.490	0.983	0.000	1.199	1.898	1.906	1.433	37.260
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:34	19800.000	-7.871	0.000	0.000	9441.000	319400.000	324800.000	91%	1.089
2	22:43:42	20020.000	-10.340	0.000	0.000	9580.000	323900.000	330600.000	90%	1.484
3	22:44:50	19420.000	-10.760	0.000	0.000	9395.000	317000.000	320600.000	93%	0.811
X		19750.000	-9.657	0.000	0.000	9472.000	320100.000	325300.000	91%	1.128
σ		306.100	1.560	0.000	0.000	96.340	3489.000	5042.000	1%	0.339
%RSD		1.550	16.160	0.000	0.000	1.017	1.090	1.550	1	30.000
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:34	22.040	0.992	210.100	12.560	0.690	24.730	785.900	-0.009	2.638
2	22:43:42	21.420	0.999	219.300	13.970	0.602	23.630	858.300	-0.148	2.664
3	22:44:50	22.580	0.989	217.200	9.520	0.573	22.700	783.800	-0.147	2.526
X		22.020	0.993	215.500	12.020	0.622	23.680	809.300	-0.102	2.609
σ		0.583	0.005	4.867	2.273	0.061	1.014	42.440	0.080	0.073
%RSD		2.648	0.528	2.258	18.920	9.777	4.283	5.243	78.740	2.815
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:34	3.980	4.325	18.180	6.554	37.770	1.024	31.920	38.250	5.622
2	22:43:42	4.188	4.551	18.830	6.590	37.120	1.034	30.320	37.520	1.296
3	22:44:50	4.201	4.087	18.870	5.902	36.300	1.209	30.220	36.710	2.725
X		4.123	4.321	18.620	6.349	37.060	1.089	30.820	37.490	3.214
σ		0.124	0.232	0.386	0.387	0.739	0.104	0.953	0.774	2.204
%RSD		3.002	5.375	2.074	6.099	1.995	9.552	3.091	2.063	68.570
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:34	-0.325	1.247	1.172	1.260	0.980	-0.002	74%	-0.488	0.137
2	22:43:42	-1.576	1.032	0.938	1.083	1.074	-0.002	75%	0.701	0.117
3	22:44:50	-3.716	1.053	1.027	1.093	0.932	-0.002	77%	-1.012	0.040
X		-1.872	1.111	1.046	1.146	0.996	-0.002	75%	-0.267	0.098
σ		1.715	0.118	0.118	0.100	0.072	0.000	1%	0.878	0.051
%RSD		91.610	10.660	11.280	8.687	7.269	3.558	2	329.100	52.530
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:42:34	0.483	-0.506	0.131	0.203	0.229	0.240	23.090	22.550	83%
2	22:43:42	-0.255	0.681	0.068	0.173	0.177	0.186	22.810	22.220	83%
3	22:44:50	0.618	-1.029	0.052	-0.006	0.123	0.148	23.010	22.270	86%
X		0.282	-0.284	0.084	0.123	0.176	0.191	22.970	22.340	84%
σ		0.470	0.876	0.042	0.113	0.053	0.046	0.142	0.179	2%
%RSD		166.400	308.100	49.670	91.870	30.130	24.050	0.620	0.800	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	22:42:34	84%	0.174	0.196	1.627	1.589	1.648	78%	8.150	
2	22:43:42	84%	0.130	0.126	1.598	1.387	1.483	79%	8.295	
3	22:44:50	86%	0.071	0.066	1.403	1.234	1.307	81%	8.153	
X		85%	0.125	0.129	1.543	1.403	1.480	79%	8.199	
σ		1%	0.052	0.065	0.122	0.178	0.171	1%	0.083	
%RSD		2	41.500	50.250	7.908	12.680	11.540	2	1.011	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:29	83%	0.066	1419.000	0.000	400800.000	54390.000	54210.000	53360.000	0.026
2	22:51:37	83%	-0.015	1424.000	0.000	403300.000	55020.000	54250.000	53890.000	0.291
3	22:52:46	81%	-0.048	1471.000	0.000	407000.000	55620.000	54980.000	53670.000	0.257
X		82%	0.001	1438.000	0.000	403700.000	55010.000	54480.000	53640.000	0.191
σ		1%	0.059	28.390	0.000	3109.000	614.800	429.600	264.100	0.144
%RSD		1	5969.000	1.974	0.000	0.770	1.118	0.789	0.492	75.540
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:29	22500.000	13.280	0.000	0.000	5494.000	240600.000	258500.000	91%	1.405
2	22:51:37	22680.000	7.129	0.000	0.000	5568.000	241200.000	257100.000	91%	1.371
3	22:52:46	23180.000	11.650	0.000	0.000	5567.000	242000.000	258800.000	92%	1.495
X		22790.000	10.680	0.000	0.000	5543.000	241300.000	258200.000	91%	1.424
σ		355.200	3.185	0.000	0.000	42.330	732.700	912.100	0%	0.064
%RSD		1.558	29.810	0.000	0.000	0.764	0.304	0.353	0	4.497
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:29	25.960	9.602	209.500	31.280	0.496	38.250	658.300	0.170	2.692
2	22:51:37	28.180	9.277	214.100	27.570	0.510	38.270	629.400	0.116	2.877
3	22:52:46	27.630	9.589	222.400	27.650	0.516	37.640	610.300	0.137	2.734
X		27.250	9.489	215.300	28.830	0.507	38.050	632.600	0.141	2.768
σ		1.157	0.184	6.536	2.122	0.010	0.358	24.160	0.027	0.097
%RSD		4.247	1.939	3.036	7.360	1.979	0.940	3.819	19.510	3.518
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:29	2.647	2.852	2.709	8.954	20.030	1.105	13.840	20.310	1.846
2	22:51:37	2.685	2.741	2.430	9.503	18.310	0.969	14.250	18.560	2.120
3	22:52:46	2.806	2.683	1.981	8.257	19.400	1.200	15.140	19.660	2.423
X		2.712	2.759	2.373	8.905	19.250	1.091	14.410	19.510	2.130
σ		0.083	0.086	0.367	0.624	0.867	0.116	0.665	0.885	0.289
%RSD		3.063	3.116	15.480	7.012	4.506	10.620	4.616	4.536	13.560
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:29	-2.872	0.851	0.969	1.343	0.916	-0.002	73%	-0.338	0.006
2	22:51:37	2.944	1.038	0.944	1.104	0.976	-0.002	74%	-0.656	0.016
3	22:52:46	1.950	0.963	0.934	1.164	0.868	0.028	74%	0.056	0.006
X		0.674	0.951	0.949	1.204	0.920	0.008	74%	-0.313	0.009
σ		3.111	0.094	0.018	0.124	0.054	0.017	1%	0.357	0.006
%RSD		461.300	9.927	1.889	10.320	5.891	219.700	1	114.000	61.310
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:50:29	0.345	-0.356	0.043	-0.011	0.615	0.068	21.230	21.520	82%
2	22:51:37	0.314	-0.674	0.016	-0.001	0.638	0.068	20.830	21.820	83%
3	22:52:46	0.014	0.036	0.016	0.008	0.490	0.039	20.730	21.100	83%
X		0.224	-0.331	0.025	-0.001	0.581	0.058	20.930	21.480	83%
σ		0.183	0.356	0.015	0.010	0.080	0.016	0.263	0.362	1%
%RSD		81.630	107.400	61.870	747.000	13.760	27.980	1.254	1.684	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	22:50:29	83%	0.022	0.022	0.637	0.571	0.594	77%	9.989	
2	22:51:37	83%	0.025	0.009	0.625	0.582	0.596	77%	9.894	
3	22:52:46	83%	0.009	0.004	0.673	0.583	0.610	78%	9.868	
X		83%	0.019	0.012	0.645	0.579	0.600	77%	9.917	
σ		0%	0.008	0.009	0.025	0.006	0.009	1%	0.063	
%RSD		0	45.460	80.520	3.853	1.081	1.466	1	0.640	

C1851-17 MF3T64

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:58:25	91%	-0.009	1037.000	0.000	330800.000	88600.000	87210.000	86810.000	0.147
2	22:59:33	88%	-0.018	1094.000	0.000	336600.000	89020.000	88670.000	88640.000	-0.503
3	23:00:41	89%	0.013	1092.000	0.000	331300.000	88080.000	86780.000	86420.000	0.662
X		89%	-0.005	1074.000	0.000	332900.000	88570.000	87550.000	87290.000	0.102
σ		1%	0.016	32.340	0.000	3230.000	475.400	993.000	1182.000	0.584
%RSD		2	341.300	3.010	0.000	0.970	0.537	1.134	1.354	573.200
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:58:25	22580.000	-15.990	0.000	0.000	9254.000	361000.000	369100.000	89%	1.909
2	22:59:33	23170.000	-14.130	0.000	0.000	9206.000	359600.000	368600.000	90%	1.465
3	23:00:41	22510.000	-15.140	0.000	0.000	9061.000	352600.000	362000.000	91%	1.758
X		22750.000	-15.090	0.000	0.000	9173.000	357700.000	366500.000	90%	1.710
σ		358.300	0.930	0.000	0.000	100.500	4491.000	3966.000	1%	0.226
%RSD		1.575	6.168	0.000	0.000	1.096	1.255	1.082	1	13.190
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:58:25	25.900	0.683	228.400	5.408	0.202	13.450	859.200	0.177	3.627
2	22:59:33	26.570	0.718	236.100	1.402	0.148	13.610	843.200	0.191	3.505
3	23:00:41	23.320	0.702	242.900	1.549	0.163	12.590	841.700	0.206	3.584
X		25.260	0.701	235.800	2.786	0.171	13.220	848.000	0.191	3.572
σ		1.717	0.018	7.256	2.272	0.028	0.548	9.692	0.015	0.062
%RSD		6.797	2.503	3.077	81.530	16.170	4.149	1.143	7.652	1.740
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:58:25	3.943	4.387	3.286	7.412	29.730	1.158	25.210	30.090	1.281
2	22:59:33	3.960	3.859	3.413	8.107	33.430	0.999	24.050	33.870	-1.620
3	23:00:41	3.545	4.261	3.146	6.777	30.510	1.156	24.920	30.940	6.464
X		3.816	4.169	3.282	7.432	31.220	1.104	24.730	31.640	2.042
σ		0.235	0.276	0.133	0.666	1.954	0.091	0.605	1.983	4.096
%RSD		6.158	6.616	4.060	8.956	6.257	8.283	2.447	6.270	200.600
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:58:25	2.604	0.834	0.815	0.845	0.594	0.007	73%	-0.776	0.026
2	22:59:33	3.673	0.875	0.680	0.834	0.605	-0.002	73%	-0.220	0.012
3	23:00:41	-0.255	0.928	0.775	0.971	0.655	0.015	73%	1.798	-0.002
X		2.008	0.879	0.757	0.883	0.618	0.007	73%	0.267	0.012
σ		2.031	0.047	0.070	0.076	0.033	0.009	0%	1.355	0.014
%RSD		101.100	5.376	9.195	8.663	5.272	130.900	0	506.900	113.100
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	22:58:25	0.505	-0.794	0.027	-0.060	0.027	-0.016	48.080	48.050	82%
2	22:59:33	0.287	-0.240	0.023	-0.036	-0.016	-0.002	46.170	46.330	82%
3	23:00:41	-0.811	1.776	0.009	0.098	-0.019	-0.000	47.020	46.620	81%
X		-0.006	0.247	0.019	0.001	-0.002	-0.006	47.090	47.000	82%
σ		0.706	1.352	0.010	0.085	0.026	0.009	0.954	0.917	0%
%RSD		10950.000	547.400	49.700	13930.000	1054.000	138.100	2.026	1.951	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	22:58:25	81%	0.012	0.006	0.738	0.737	0.761	76%	12.120	
2	22:59:33	81%	0.001	-0.005	0.731	0.718	0.731	76%	12.070	
3	23:00:41	82%	-0.016	-0.015	0.743	0.637	0.701	76%	11.970	
X		81%	-0.001	-0.004	0.737	0.697	0.731	76%	12.050	
σ		1%	0.014	0.010	0.006	0.053	0.030	0%	0.076	
%RSD		1	1887.000	234.300	0.824	7.600	4.133	0	0.633	

C1851-18 MF3T70

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:21	79%	-0.023	1367.000	0.000	432700.000	52210.000	51040.000	50440.000	0.010
2	23:07:29	80%	0.024	1360.000	0.000	432400.000	51230.000	50170.000	50270.000	0.069
3	23:08:37	79%	-0.035	1391.000	0.000	445900.000	52890.000	51920.000	51580.000	-0.057
X		80%	-0.012	1373.000	0.000	437000.000	52110.000	51040.000	50770.000	0.008
σ		0%	0.031	15.960	0.000	7691.000	836.400	871.600	714.600	0.063
%RSD		1	271.200	1.162	0.000	1.760	1.605	1.708	1.408	838.300
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:21	23480.000	22.880	0.000	0.000	5824.000	213900.000	229200.000	87%	1.675
2	23:07:29	23440.000	17.100	0.000	0.000	5817.000	212500.000	227000.000	87%	1.939
3	23:08:37	23900.000	21.600	0.000	0.000	5903.000	216000.000	233000.000	88%	1.631
X		23610.000	20.530	0.000	0.000	5848.000	214100.000	229700.000	88%	1.748
σ		258.700	3.039	0.000	0.000	47.960	1721.000	3031.000	0%	0.167
%RSD		1.096	14.800	0.000	0.000	0.820	0.804	1.320	0	9.532
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:21	35.260	23.630	218.000	-0.393	0.233	8.190	550.100	1.214	4.196
2	23:07:29	32.410	23.500	231.400	0.196	0.173	7.333	498.200	1.185	3.612
3	23:08:37	33.430	24.210	238.000	1.673	0.185	8.016	510.300	1.339	3.948
X		33.700	23.780	229.100	0.492	0.197	7.846	519.500	1.246	3.919
σ		1.448	0.378	10.210	1.064	0.032	0.453	27.150	0.082	0.293
%RSD		4.298	1.589	4.457	216.300	16.120	5.771	5.225	6.564	7.478
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:21	3.159	3.433	2.446	10.060	20.110	1.085	14.390	20.330	2.429
2	23:07:29	3.337	3.141	2.346	8.583	17.200	1.338	14.890	17.390	2.762
3	23:08:37	3.351	3.358	2.301	11.190	20.490	1.054	15.120	20.720	-0.496
X		3.282	3.311	2.364	9.946	19.270	1.159	14.800	19.480	1.565
σ		0.107	0.152	0.074	1.308	1.800	0.156	0.373	1.822	1.792
%RSD		3.266	4.584	3.145	13.150	9.343	13.430	2.519	9.356	114.500
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:21	0.981	0.921	0.818	1.068	0.899	-0.002	73%	-0.678	0.017
2	23:07:29	-5.002	1.075	0.927	0.873	0.963	-0.006	73%	-0.507	-0.017
3	23:08:37	1.052	0.834	0.904	1.074	0.951	-0.002	73%	-0.785	0.006
X		-0.989	0.943	0.883	1.005	0.938	-0.004	73%	-0.657	0.002
σ		3.475	0.122	0.058	0.114	0.034	0.003	0%	0.140	0.017
%RSD		351.200	12.930	6.560	11.380	3.598	71.710	0	21.350	945.600
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:06:21	0.324	-0.695	0.027	-0.040	-0.053	0.020	20.070	20.530	81%
2	23:07:29	0.434	-0.528	0.005	-0.052	-0.002	-0.007	20.700	20.230	83%
3	23:08:37	0.445	-0.804	-0.003	-0.030	-0.030	0.008	20.760	21.220	82%
X		0.401	-0.676	0.009	-0.041	-0.028	0.007	20.510	20.660	82%
σ		0.067	0.139	0.016	0.011	0.025	0.014	0.384	0.509	1%
%RSD		16.630	20.560	169.100	27.340	89.280	192.200	1.872	2.465	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:06:21	82%	-0.012	-0.015	0.679	0.618	0.657	77%	10.940	
2	23:07:29	84%	-0.016	-0.020	0.661	0.615	0.647	78%	10.620	
3	23:08:37	83%	-0.015	-0.023	0.655	0.629	0.632	78%	11.050	
X		83%	-0.014	-0.019	0.665	0.621	0.645	78%	10.870	
σ		1%	0.002	0.004	0.013	0.008	0.013	1%	0.221	
%RSD		1	15.490	22.110	1.908	1.246	1.977	1	2.035	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:16	105%	-0.010	700.700	0.000	194600.000	62620.000	62850.000	62570.000	0.225
2	23:15:24	105%	-0.019	737.200	0.000	200200.000	63510.000	62920.000	63180.000	0.915
3	23:16:33	104%	-0.056	718.800	0.000	200000.000	64710.000	63760.000	63550.000	0.405
X		105%	-0.028	718.900	0.000	198300.000	63620.000	63180.000	63100.000	0.515
σ		1%	0.024	18.230	0.000	3199.000	1049.000	504.800	492.900	0.358
%RSD		1	86.480	2.535	0.000	1.613	1.649	0.799	0.781	69.510
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:16	19760.000	-14.500	0.000	0.000	8331.000	300000.000	306000.000	92%	1.204
2	23:15:24	19610.000	-13.600	0.000	0.000	8254.000	294300.000	302400.000	94%	1.738
3	23:16:33	19990.000	-18.040	0.000	0.000	8349.000	299700.000	305500.000	93%	1.434
X		19790.000	-15.380	0.000	0.000	8311.000	298000.000	304600.000	93%	1.459
σ		193.300	2.347	0.000	0.000	50.350	3229.000	1950.000	1%	0.268
%RSD		0.977	15.260	0.000	0.000	0.606	1.084	0.640	1	18.350
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:16	26.330	0.741	224.600	3.643	0.460	14.040	674.600	0.061	3.279
2	23:15:24	23.300	0.697	238.500	4.350	0.439	14.010	684.500	0.032	3.110
3	23:16:33	24.340	0.745	246.100	1.792	0.425	13.810	692.100	0.092	3.312
X		24.660	0.728	236.400	3.262	0.441	13.950	683.700	0.062	3.234
σ		1.537	0.027	10.880	1.321	0.018	0.126	8.743	0.030	0.109
%RSD		6.232	3.676	4.603	40.490	3.982	0.902	1.279	48.450	3.364
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:16	1.533	1.701	8.726	6.974	21.740	1.294	15.990	22.000	6.019
2	23:15:24	1.637	1.889	8.647	8.604	22.510	0.889	16.410	22.790	3.449
3	23:16:33	1.579	1.729	8.161	6.647	21.920	1.371	15.870	22.210	2.884
X		1.583	1.773	8.511	7.408	22.060	1.185	16.090	22.330	4.118
σ		0.052	0.101	0.306	1.048	0.401	0.259	0.282	0.413	1.671
%RSD		3.304	5.717	3.593	14.150	1.817	21.860	1.752	1.850	40.570
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:16	-2.151	0.701	0.592	0.770	0.516	0.002	76%	0.748	-0.017
2	23:15:24	0.916	0.671	0.570	0.699	0.640	-0.002	76%	-0.800	-0.013
3	23:16:33	1.114	0.696	0.555	1.012	0.602	-0.006	76%	-1.650	-0.020
X		-0.040	0.690	0.573	0.827	0.586	-0.002	76%	-0.568	-0.017
σ		1.830	0.016	0.018	0.164	0.063	0.004	0%	1.216	0.004
%RSD		4530.000	2.296	3.211	19.870	10.820	186.300	1	214.200	22.170
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:14:16	-0.279	0.727	-0.003	0.024	-0.043	-0.026	37.170	36.430	85%
2	23:15:24	0.448	-0.816	-0.012	-0.054	-0.046	-0.040	36.810	37.260	84%
3	23:16:33	0.820	-1.664	-0.014	-0.102	-0.034	-0.056	37.290	38.430	83%
X		0.330	-0.585	-0.010	-0.044	-0.041	-0.041	37.090	37.370	84%
σ		0.559	1.212	0.006	0.063	0.006	0.015	0.249	1.006	1%
%RSD		169.400	207.300	64.340	144.900	15.560	37.610	0.670	2.692	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:14:16	85%	-0.021	-0.024	0.585	0.505	0.561	81%	14.920	
2	23:15:24	85%	-0.020	-0.026	0.558	0.531	0.555	80%	15.290	
3	23:16:33	84%	-0.025	-0.027	0.567	0.486	0.548	80%	15.480	
X		85%	-0.022	-0.026	0.570	0.508	0.555	80%	15.230	
σ		1%	0.003	0.001	0.014	0.023	0.007	1%	0.285	
%RSD		1	13.460	4.906	2.406	4.447	1.176	1	1.875	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:22:13	90%	-0.041	71.460	0.000	13260.000	3203.000	3127.000	3160.000	-0.310
2	23:23:21	89%	-0.084	71.530	0.000	13290.000	3173.000	3120.000	3155.000	-0.261
3	23:24:29	88%	-0.062	61.350	0.000	13450.000	3222.000	3185.000	3182.000	-0.325
X		89%	-0.062	68.110	0.000	13330.000	3199.000	3144.000	3166.000	-0.299
σ		1%	0.022	5.860	0.000	100.100	24.630	35.990	14.640	0.034
%RSD		1	34.750	8.604	0.000	0.751	0.770	1.145	0.462	11.300
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:22:13	866.600	0.285	0.000	0.000	420.000	14040.000	14340.000	88%	-0.028
2	23:23:21	864.800	-5.565	0.000	0.000	419.300	13690.000	14300.000	88%	-0.029
3	23:24:29	886.100	-4.244	0.000	0.000	426.600	13820.000	14510.000	87%	0.140
X		872.500	-3.175	0.000	0.000	422.000	13850.000	14380.000	88%	0.027
σ		11.820	3.069	0.000	0.000	4.056	173.300	114.900	1%	0.097
%RSD		1.355	96.660	0.000	0.000	0.961	1.251	0.799	1	355.400
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:22:13	0.351	0.219	71.250	7.098	-0.008	3.189	36.260	-0.040	0.162
2	23:23:21	-0.511	0.173	67.850	5.778	-0.009	2.804	36.690	-0.048	0.120
3	23:24:29	0.587	0.140	66.580	5.156	-0.010	3.556	40.810	-0.042	0.239
X		0.142	0.177	68.560	6.011	-0.009	3.183	37.920	-0.044	0.174
σ		0.578	0.040	2.416	0.991	0.001	0.376	2.513	0.004	0.061
%RSD		405.900	22.480	3.524	16.490	7.617	11.810	6.626	8.559	34.960
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:22:13	0.161	0.077	0.744	0.469	2.092	0.296	1.492	2.088	0.421
2	23:23:21	0.100	0.166	0.786	0.293	0.931	0.352	1.044	0.930	4.616
3	23:24:29	0.186	0.169	0.635	0.293	0.646	0.291	2.093	0.644	4.338
X		0.149	0.138	0.722	0.352	1.223	0.313	1.543	1.221	3.125
σ		0.044	0.052	0.078	0.102	0.766	0.034	0.526	0.764	2.345
%RSD		29.620	37.820	10.830	28.860	62.630	10.750	34.120	62.620	75.060
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:22:13	-0.011	-0.012	-0.011	-0.048	-0.006	0.005	86%	-0.374	-0.038
2	23:23:21	-0.011	-0.007	-0.040	-0.022	0.013	-0.003	85%	-0.678	-0.042
3	23:24:29	0.026	-0.017	-0.001	0.019	-0.018	-0.006	86%	-0.374	-0.038
X		0.002	-0.012	-0.017	-0.017	-0.004	-0.001	86%	-0.475	-0.039
σ		0.021	0.005	0.020	0.034	0.016	0.006	0%	0.175	0.002
%RSD		1322.000	43.610	118.900	197.200	426.300	400.400	0	36.930	4.991
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:22:13	0.218	-0.379	-0.028	-0.037	-0.070	-0.092	0.823	0.792	88%
2	23:23:21	0.375	-0.684	-0.026	-0.054	-0.065	-0.092	0.712	0.830	89%
3	23:24:29	0.162	-0.379	-0.028	-0.030	-0.048	-0.095	0.694	0.759	88%
X		0.252	-0.481	-0.027	-0.040	-0.061	-0.093	0.743	0.794	88%
σ		0.110	0.176	0.001	0.012	0.012	0.002	0.070	0.036	0%
%RSD		43.770	36.690	3.668	29.800	19.110	2.187	9.419	4.478	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:22:13	87%	-0.034	-0.033	0.043	0.016	0.034	87%	0.296	
2	23:23:21	89%	-0.030	-0.032	0.022	0.033	0.032	88%	0.274	
3	23:24:29	88%	-0.028	-0.030	0.036	0.025	0.029	88%	0.275	
X		88%	-0.030	-0.032	0.034	0.025	0.031	88%	0.282	
σ		1%	0.003	0.001	0.010	0.008	0.003	0%	0.012	
%RSD		1	10.110	4.036	30.760	32.790	8.135	1	4.281	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:10	89%	-0.062	71.050	0.000	17580.000	2469.000	2412.000	2484.000	-0.183
2	23:31:18	88%	-0.062	79.490	0.000	17720.000	2474.000	2446.000	2492.000	0.174
3	23:32:26	86%	-0.006	79.110	0.000	18310.000	2559.000	2486.000	2524.000	-0.149
X		88%	-0.043	76.550	0.000	17870.000	2501.000	2448.000	2500.000	-0.053
σ		1%	0.033	4.769	0.000	389.400	50.500	37.010	21.180	0.197
%RSD		2	75.450	6.230	0.000	2.180	2.020	1.512	0.847	374.500
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:10	962.500	-2.115	0.000	0.000	234.100	11030.000	11540.000	89%	-0.095
2	23:31:18	1005.000	-2.968	0.000	0.000	238.200	10980.000	11620.000	88%	-0.028
3	23:32:26	1009.000	-2.186	0.000	0.000	247.400	11440.000	11690.000	87%	0.040
X		992.300	-2.423	0.000	0.000	239.900	11150.000	11620.000	88%	-0.028
σ		25.800	0.473	0.000	0.000	6.829	253.000	75.450	1%	0.068
%RSD		2.600	19.530	0.000	0.000	2.847	2.269	0.649	1	244.500
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:10	0.204	0.482	55.740	9.077	1.035	4.454	32.550	-0.020	0.160
2	23:31:18	1.454	0.617	53.330	9.175	1.058	4.815	36.750	-0.020	0.188
3	23:32:26	0.635	0.505	54.880	9.442	1.029	5.231	37.720	-0.023	0.155
X		0.764	0.535	54.650	9.232	1.041	4.833	35.680	-0.021	0.168
σ		0.635	0.072	1.221	0.189	0.016	0.389	2.749	0.002	0.017
%RSD		83.110	13.540	2.234	2.044	1.489	8.045	7.705	9.006	10.430
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:10	0.093	0.125	0.093	0.070	0.475	0.330	0.648	0.476	3.334
2	23:31:18	0.108	0.126	0.159	0.235	0.645	0.297	1.368	0.644	1.752
3	23:32:26	0.089	0.113	0.052	0.631	-0.394	0.210	1.069	-0.392	5.184
X		0.097	0.121	0.101	0.312	0.242	0.279	1.029	0.243	3.423
σ		0.010	0.007	0.054	0.289	0.557	0.062	0.362	0.556	1.718
%RSD		10.650	6.107	53.060	92.460	230.100	22.090	35.190	229.100	50.180
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:10	0.017	-0.001	-0.000	-0.022	0.004	0.005	85%	0.388	-0.036
2	23:31:18	0.008	0.009	-0.035	-0.014	0.013	-0.006	85%	-0.431	-0.030
3	23:32:26	0.007	0.008	-0.016	0.050	0.015	-0.006	87%	0.197	-0.033
X		0.011	0.005	-0.017	0.005	0.011	-0.003	86%	0.051	-0.033
σ		0.006	0.006	0.017	0.040	0.006	0.007	1%	0.428	0.003
%RSD		54.000	109.200	100.600	839.500	56.890	246.200	1	837.700	10.310
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:30:10	-0.116	0.383	-0.014	-0.007	0.043	-0.083	0.771	0.755	87%
2	23:31:18	0.248	-0.436	-0.007	-0.026	0.032	-0.086	0.668	0.815	87%
3	23:32:26	-0.022	0.196	-0.016	-0.017	0.047	-0.104	0.822	0.775	87%
X		0.037	0.048	-0.012	-0.017	0.041	-0.091	0.753	0.782	87%
σ		0.189	0.429	0.005	0.010	0.008	0.011	0.078	0.030	0%
%RSD		513.300	899.500	37.830	56.880	18.870	12.580	10.410	3.871	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:30:10	88%	-0.026	-0.030	-0.013	-0.019	-0.008	87%	0.358	
2	23:31:18	88%	-0.026	-0.028	-0.008	-0.020	-0.012	86%	0.355	
3	23:32:26	88%	-0.027	-0.027	-0.022	-0.005	-0.009	87%	0.343	
X		88%	-0.026	-0.029	-0.014	-0.015	-0.010	87%	0.352	
σ		0%	0.001	0.002	0.007	0.008	0.002	0%	0.008	
%RSD		0	2.014	5.259	46.980	56.150	17.930	0	2.257	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:38:07	91%	-0.073	62.270	0.000	15330.000	4121.000	4062.000	4097.000	-0.270
2	23:39:15	90%	-0.052	57.920	0.000	15410.000	4116.000	4084.000	4098.000	-0.464
3	23:40:23	91%	-0.062	62.360	0.000	15500.000	4107.000	4123.000	4143.000	-0.386
X		91%	-0.062	60.850	0.000	15410.000	4114.000	4090.000	4113.000	-0.373
σ		0%	0.011	2.540	0.000	83.710	6.975	30.660	26.350	0.098
%RSD		0	17.220	4.174	0.000	0.543	0.170	0.750	0.641	26.240
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:38:07	1027.000	-4.835	0.000	0.000	398.300	15460.000	16190.000	89%	0.034
2	23:39:15	1037.000	-7.844	0.000	0.000	401.600	15960.000	16370.000	89%	0.069
3	23:40:23	1033.000	-4.129	0.000	0.000	405.200	16160.000	16410.000	89%	-0.063
X		1032.000	-5.603	0.000	0.000	401.700	15860.000	16330.000	89%	0.013
σ		4.729	1.973	0.000	0.000	3.459	360.100	115.300	0%	0.068
%RSD		0.458	35.210	0.000	0.000	0.861	2.270	0.706	1	511.300
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:38:07	0.566	0.109	50.870	3.241	0.066	3.470	47.440	-0.016	0.208
2	23:39:15	0.702	0.154	50.480	4.242	0.082	4.033	41.550	-0.019	0.143
3	23:40:23	0.374	0.107	48.630	4.671	0.067	3.870	42.650	0.000	0.225
X		0.547	0.123	49.990	4.051	0.072	3.791	43.880	-0.012	0.192
σ		0.165	0.027	1.195	0.734	0.009	0.289	3.132	0.010	0.043
%RSD		30.140	21.530	2.390	18.100	12.230	7.636	7.138	88.730	22.350
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:38:07	0.154	0.232	0.082	0.537	-0.310	0.185	1.071	-0.309	4.828
2	23:39:15	0.083	0.267	-0.014	0.155	0.840	0.264	1.595	0.837	0.957
3	23:40:23	0.128	0.219	0.126	0.120	0.508	0.243	1.021	0.506	1.857
X		0.122	0.239	0.065	0.271	0.346	0.231	1.229	0.345	2.547
σ		0.036	0.025	0.071	0.231	0.592	0.041	0.318	0.590	2.026
%RSD		29.810	10.540	110.200	85.490	171.300	17.740	25.860	171.100	79.530
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:38:07	0.044	-0.007	-0.006	-0.015	0.003	-0.003	86%	-0.619	-0.030
2	23:39:15	-0.021	0.008	-0.035	-0.048	-0.012	-0.003	87%	0.048	-0.038
3	23:40:23	-0.021	0.003	-0.026	-0.056	-0.010	-0.006	87%	-0.059	-0.035
X		0.001	0.001	-0.022	-0.040	-0.006	-0.004	86%	-0.210	-0.034
σ		0.038	0.008	0.015	0.022	0.008	0.002	1%	0.358	0.004
%RSD		4867.000	616.500	67.010	55.730	136.500	54.430	1	170.600	12.570
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:38:07	0.287	-0.623	-0.014	-0.044	-0.041	-0.095	1.782	1.953	88%
2	23:39:15	0.000	0.045	-0.018	-0.006	-0.034	-0.088	1.881	1.981	88%
3	23:40:23	0.000	-0.062	-0.021	-0.020	-0.035	-0.104	2.073	2.061	89%
X		0.096	-0.213	-0.018	-0.023	-0.037	-0.096	1.912	1.998	88%
σ		0.166	0.359	0.004	0.019	0.004	0.008	0.148	0.056	1%
%RSD		172.800	168.200	19.920	82.410	9.792	8.231	7.746	2.783	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:38:07	87%	-0.025	-0.028	0.006	-0.019	-0.002	86%	0.427	
2	23:39:15	88%	-0.024	-0.028	0.004	-0.014	-0.003	88%	0.398	
3	23:40:23	89%	-0.031	-0.025	-0.010	-0.012	-0.013	89%	0.431	
X		88%	-0.027	-0.027	-0.000	-0.015	-0.006	88%	0.419	
σ		1%	0.004	0.002	0.009	0.003	0.006	1%	0.018	
%RSD		1	14.300	7.055	4687.000	23.670	98.370	2	4.363	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:04	91%	-0.041	60.920	0.000	18900.000	2312.000	2264.000	2267.000	-0.428
2	23:47:12	89%	-0.062	72.290	0.000	19240.000	2367.000	2334.000	2365.000	-0.339
3	23:48:20	88%	-0.040	65.960	0.000	19160.000	2335.000	2311.000	2336.000	-0.375
X		89%	-0.048	66.390	0.000	19100.000	2338.000	2303.000	2323.000	-0.381
σ		2%	0.012	5.697	0.000	178.400	27.600	35.370	50.120	0.045
%RSD		2	26.120	8.581	0.000	0.934	1.181	1.536	2.158	11.810
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:04	1003.000	-0.939	0.000	0.000	235.700	9717.000	10040.000	90%	0.160
2	23:47:12	1025.000	-1.705	0.000	0.000	250.400	10190.000	10330.000	88%	0.104
3	23:48:20	1050.000	-4.861	0.000	0.000	242.300	9715.000	10180.000	88%	0.004
X		1026.000	-2.501	0.000	0.000	242.800	9874.000	10180.000	89%	0.089
σ		23.530	2.079	0.000	0.000	7.356	274.400	145.900	1%	0.079
%RSD		2.293	83.100	0.000	0.000	3.030	2.779	1.433	1	89.030
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:04	0.937	1.121	43.910	5.180	0.029	2.367	24.490	0.042	0.164
2	23:47:12	1.858	1.051	44.130	4.642	0.047	2.882	22.210	0.029	0.187
3	23:48:20	0.712	1.126	45.450	6.340	0.057	2.661	23.900	0.040	0.227
X		1.169	1.099	44.500	5.388	0.044	2.637	23.530	0.037	0.193
σ		0.607	0.042	0.835	0.868	0.014	0.258	1.185	0.007	0.032
%RSD		51.930	3.805	1.877	16.110	31.380	9.790	5.034	18.380	16.440
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:04	0.122	0.115	0.096	0.408	0.260	0.199	0.604	0.260	1.175
2	23:47:12	0.151	0.126	0.051	0.451	0.476	0.215	1.182	0.475	2.980
3	23:48:20	0.163	0.186	0.005	0.208	0.679	0.259	1.072	0.678	1.654
X		0.145	0.142	0.051	0.355	0.471	0.224	0.953	0.471	1.936
σ		0.021	0.039	0.045	0.130	0.210	0.031	0.307	0.209	0.935
%RSD		14.300	27.140	89.800	36.450	44.490	13.900	32.210	44.400	48.290
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:04	-0.003	-0.013	-0.002	0.025	-0.006	-0.006	87%	-0.838	-0.043
2	23:47:12	-0.011	0.014	-0.006	-0.039	-0.003	-0.003	86%	0.403	-0.040
3	23:48:20	0.016	0.003	-0.030	-0.048	0.003	-0.006	86%	-0.870	-0.038
X		0.001	0.001	-0.013	-0.021	-0.002	-0.005	86%	-0.435	-0.041
σ		0.014	0.013	0.015	0.040	0.005	0.002	1%	0.726	0.003
%RSD		1685.000	918.600	121.100	192.700	251.200	41.640	1	167.000	6.397
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:46:04	0.400	-0.844	-0.018	-0.063	-0.043	-0.096	0.756	0.758	90%
2	23:47:12	-0.235	0.397	-0.026	0.006	-0.059	-0.090	0.796	0.763	89%
3	23:48:20	0.416	-0.875	-0.023	-0.058	-0.046	-0.104	0.699	0.726	89%
X		0.194	-0.441	-0.022	-0.038	-0.049	-0.097	0.750	0.749	89%
σ		0.372	0.726	0.004	0.038	0.008	0.007	0.049	0.020	1%
%RSD		191.700	164.700	19.130	99.590	17.080	7.294	6.499	2.678	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:46:04	89%	-0.029	-0.026	-0.013	-0.023	-0.013	90%	0.383	
2	23:47:12	90%	-0.025	-0.028	-0.014	-0.010	-0.011	89%	0.395	
3	23:48:20	89%	-0.026	-0.026	-0.025	-0.013	-0.016	90%	0.395	
X		89%	-0.027	-0.027	-0.018	-0.015	-0.014	90%	0.391	
σ		0%	0.002	0.001	0.007	0.007	0.002	1%	0.007	
%RSD		0	6.658	4.347	37.280	46.100	15.620	1	1.692	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:54:02	96%	-0.064	43.060	0.000	10260.000	3274.000	3304.000	3318.000	-0.118
2	23:55:10	96%	-0.064	43.270	0.000	10110.000	3268.000	3216.000	3306.000	-0.186
3	23:56:18	94%	-0.053	39.510	0.000	10010.000	3261.000	3203.000	3245.000	-0.168
X		95%	-0.060	41.950	0.000	10130.000	3268.000	3241.000	3290.000	-0.157
σ		1%	0.006	2.111	0.000	126.500	6.372	54.900	39.170	0.035
%RSD		1	10.150	5.032	0.000	1.249	0.195	1.694	1.191	22.160
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:54:02	1009.000	-1.198	0.000	0.000	368.700	13670.000	14430.000	92%	0.029
2	23:55:10	1013.000	-4.040	0.000	0.000	365.900	13850.000	14160.000	92%	-0.067
3	23:56:18	992.000	-4.514	0.000	0.000	353.400	13290.000	13780.000	95%	0.144
X		1005.000	-3.251	0.000	0.000	362.700	13600.000	14130.000	93%	0.035
σ		11.150	1.793	0.000	0.000	8.151	283.400	327.300	2%	0.106
%RSD		1.109	55.170	0.000	0.000	2.247	2.083	2.317	2	298.400
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:54:02	1.187	0.087	39.660	5.666	0.019	4.371	41.590	-0.035	0.162
2	23:55:10	0.310	0.140	41.130	4.202	0.008	4.392	38.920	-0.014	0.151
3	23:56:18	0.579	0.097	38.170	2.185	-0.002	3.085	38.570	-0.024	0.254
X		0.692	0.108	39.660	4.018	0.009	3.949	39.690	-0.024	0.189
σ		0.449	0.028	1.481	1.748	0.010	0.748	1.651	0.011	0.057
%RSD		64.950	25.890	3.736	43.510	118.900	18.950	4.160	43.630	30.120
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:54:02	0.185	0.260	1.231	0.490	-0.228	0.146	0.721	-0.227	3.982
2	23:55:10	0.204	0.216	1.142	0.312	1.278	0.150	1.038	1.275	-1.278
3	23:56:18	0.141	0.243	0.981	0.122	0.828	0.185	0.360	0.829	0.769
X		0.176	0.240	1.118	0.308	0.626	0.160	0.706	0.626	1.158
σ		0.032	0.022	0.127	0.184	0.773	0.022	0.339	0.771	2.651
%RSD		18.260	9.237	11.330	59.700	123.500	13.550	47.990	123.300	229.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:54:02	0.006	-0.028	-0.011	-0.024	-0.025	0.005	87%	-0.586	-0.035
2	23:55:10	-0.014	-0.029	-0.022	-0.066	-0.016	0.004	90%	-0.132	-0.037
3	23:56:18	-0.014	-0.034	-0.022	-0.042	-0.010	-0.006	90%	0.025	-0.037
X		-0.007	-0.030	-0.019	-0.044	-0.017	0.001	89%	-0.231	-0.036
σ		0.012	0.003	0.006	0.021	0.007	0.006	2%	0.317	0.001
%RSD		158.800	10.430	33.880	47.980	41.990	745.700	2	137.400	3.046
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	23:54:02	0.271	-0.591	-0.025	-0.049	-0.071	-0.057	1.311	1.567	89%
2	23:55:10	0.037	-0.135	-0.028	-0.024	-0.069	-0.056	1.329	1.451	91%
3	23:56:18	-0.043	0.021	-0.028	-0.008	-0.048	-0.052	1.291	1.613	91%
X		0.089	-0.235	-0.027	-0.027	-0.063	-0.055	1.311	1.543	91%
σ		0.163	0.318	0.002	0.020	0.013	0.003	0.019	0.084	1%
%RSD		184.000	135.400	7.467	75.800	20.820	4.674	1.442	5.423	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	23:54:02	89%	-0.022	-0.026	-0.003	-0.013	-0.005	88%	0.558	
2	23:55:10	91%	-0.026	-0.028	-0.010	-0.017	-0.012	90%	0.570	
3	23:56:18	91%	-0.028	-0.027	-0.019	-0.016	-0.015	91%	0.576	
X		90%	-0.025	-0.027	-0.011	-0.015	-0.011	90%	0.568	
σ		1%	0.003	0.001	0.008	0.002	0.005	1%	0.009	
%RSD		1	12.580	3.141	75.470	14.680	51.130	1	1.602	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:58	84%	522.300	489.600	0.000	52100.000	52720.000	52440.000	52520.000	10500.000
2	00:03:06	83%	514.700	499.100	0.000	50960.000	50840.000	50690.000	51120.000	10210.000
3	00:04:15	87%	498.500	491.600	0.000	49760.000	50100.000	49770.000	49670.000	10010.000
X		84%	511.800	493.400	0.000	50940.000	51220.000	50970.000	51110.000	10240.000
σ		2%	12.170	5.018	0.000	1170.000	1353.000	1355.000	1425.000	245.300
%RSD		2	2.378	1.017	0.000	2.296	2.641	2.659	2.788	2.396
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:58	547.100	10240.000	0.000	0.000	26580.000	53190.000	51290.000	81%	512.600
2	00:03:06	517.100	9952.000	0.000	0.000	25460.000	51660.000	49040.000	83%	491.600
3	00:04:15	495.600	9796.000	0.000	0.000	25390.000	50970.000	49250.000	84%	495.900
X		519.900	9997.000	0.000	0.000	25810.000	51940.000	49860.000	83%	500.000
σ		25.870	226.400	0.000	0.000	668.900	1138.000	1244.000	2%	11.100
%RSD		4.976	2.265	0.000	0.000	2.591	2.191	2.494	2	2.221
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:58	518.800	517.900	49.750	26810.000	1043.000	26820.000	26730.000	516.500	512.600
2	00:03:06	492.700	489.900	47.540	25660.000	993.000	25210.000	25230.000	490.100	491.200
3	00:04:15	492.600	492.300	40.510	25450.000	1002.000	25170.000	25010.000	485.300	486.200
X		501.300	500.000	45.930	25970.000	1013.000	25730.000	25660.000	497.300	496.700
σ		15.080	15.540	4.827	732.200	26.840	940.600	933.800	16.770	14.000
%RSD		3.008	3.109	10.510	2.819	2.650	3.655	3.639	3.372	2.819
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:58	1033.000	1029.000	1044.000	514.900	511.800	-1.347	519.500	511.000	-0.326
2	00:03:06	986.500	983.900	991.300	495.100	491.400	-1.001	490.900	491.000	8.692
3	00:04:15	982.700	981.800	996.100	491.600	488.200	-0.559	489.400	488.100	3.501
X		1001.000	998.200	1010.000	500.600	497.100	-0.969	499.900	496.700	3.956
σ		28.300	26.570	29.080	12.580	12.760	0.395	16.930	12.450	4.526
%RSD		2.828	2.662	2.878	2.512	2.566	40.770	3.386	2.507	114.400
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:58	515.000	512.400	516.200	521.100	510.800	0.002	78%	512.200	516.500
2	00:03:06	495.500	496.900	489.400	491.400	489.900	0.002	80%	496.800	502.700
3	00:04:15	493.800	489.800	489.300	495.500	492.600	0.002	80%	506.700	498.600
X		501.500	499.700	498.300	502.700	497.800	0.002	79%	505.300	505.900
σ		11.770	11.580	15.470	16.080	11.390	0.000	1%	7.800	9.352
%RSD		2.346	2.317	3.104	3.198	2.287	6.983	1	1.544	1.848
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:01:58	25.260	512.000	518.600	517.000	514.000	518.600	2601.000	2599.000	82%
2	00:03:06	15.020	496.700	501.100	495.000	496.900	498.400	2484.000	2491.000	84%
3	00:04:15	5.762	506.400	499.000	499.100	494.400	494.900	2495.000	2486.000	85%
X		15.350	505.000	506.200	503.700	501.800	504.000	2527.000	2525.000	84%
σ		9.755	7.735	10.770	11.680	10.680	12.800	64.420	63.920	1%
%RSD		63.550	1.532	2.127	2.319	2.128	2.541	2.550	2.531	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:01:58	83%	512.300	512.600	514.600	513.100	514.000	81%	531.300	
2	00:03:06	85%	500.900	494.700	496.300	501.600	498.100	83%	511.300	
3	00:04:15	85%	492.100	496.300	497.500	492.900	497.800	83%	509.800	
X		84%	501.800	501.200	502.800	502.500	503.300	82%	517.500	
σ		1%	10.090	9.917	10.210	10.120	9.235	1%	12.020	
%RSD		2	2.012	1.979	2.032	2.015	1.835	1	2.324	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:53	87%	0.193	8.515	0.000	-4.822	19.060	20.430	18.540	3.181
2	00:11:00	89%	0.220	9.740	0.000	-10.100	19.100	18.570	19.390	3.025
3	00:12:09	90%	0.261	7.440	0.000	-8.995	20.820	20.450	20.900	3.442
X		89%	0.225	8.565	0.000	-7.971	19.660	19.820	19.610	3.216
σ		1%	0.034	1.151	0.000	2.782	1.001	1.081	1.198	0.211
%RSD		1	15.270	13.440	0.000	34.900	5.093	5.453	6.108	6.548
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:53	0.712	1.419	0.000	0.000	-16.080	37.590	24.310	85%	0.044
2	00:11:00	-1.891	2.036	0.000	0.000	-21.940	18.100	23.930	87%	0.142
3	00:12:09	0.523	0.884	0.000	0.000	-15.710	27.400	26.040	85%	0.218
X		-0.219	1.446	0.000	0.000	-17.910	27.690	24.760	86%	0.135
σ		1.452	0.576	0.000	0.000	3.497	9.748	1.125	1%	0.087
%RSD		664.300	39.830	0.000	0.000	19.520	35.200	4.544	1	64.540
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:53	-0.308	0.246	36.260	11.960	0.400	10.870	21.580	0.195	0.196
2	00:11:00	-0.133	0.224	34.310	9.830	0.293	9.991	18.110	0.176	0.133
3	00:12:09	0.868	0.255	33.120	15.780	0.368	13.140	16.010	0.205	0.180
X		0.142	0.242	34.560	12.520	0.354	11.340	18.570	0.192	0.170
σ		0.634	0.016	1.586	3.013	0.055	1.626	2.811	0.015	0.032
%RSD		445.500	6.588	4.588	24.060	15.600	14.350	15.140	7.691	19.100
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:53	0.382	0.565	0.227	0.425	0.199	0.123	0.008	0.200	1.755
2	00:11:00	0.385	0.383	0.322	0.125	-0.653	0.130	0.107	-0.651	4.999
3	00:12:09	0.349	0.374	0.457	0.068	-0.185	0.174	0.288	-0.184	1.367
X		0.372	0.441	0.335	0.206	-0.213	0.142	0.134	-0.212	2.707
σ		0.020	0.108	0.116	0.192	0.427	0.027	0.142	0.426	1.994
%RSD		5.299	24.400	34.520	93.230	200.500	19.290	105.900	200.900	73.660
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:53	0.373	0.349	0.271	0.262	0.313	-0.003	83%	0.767	0.261
2	00:11:00	0.220	0.166	0.235	0.219	0.264	0.001	83%	0.187	0.215
3	00:12:09	0.199	0.218	0.263	0.250	0.245	-0.006	84%	-0.114	0.183
X		0.264	0.244	0.257	0.244	0.274	-0.003	83%	0.280	0.220
σ		0.095	0.095	0.019	0.022	0.035	0.004	1%	0.448	0.039
%RSD		36.080	38.670	7.302	9.221	12.800	150.600	1	160.000	17.930
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:09:53	-0.365	0.764	0.248	0.283	0.397	0.522	0.951	0.938	85%
2	00:11:00	0.047	0.184	0.260	0.211	0.379	0.336	0.765	0.985	85%
3	00:12:09	0.085	-0.117	0.183	0.280	0.300	0.375	0.819	1.120	85%
X		-0.078	0.277	0.230	0.258	0.358	0.411	0.845	1.014	85%
σ		0.250	0.448	0.042	0.041	0.052	0.098	0.096	0.095	0%
%RSD		320.600	161.500	18.080	15.830	14.410	23.830	11.340	9.337	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:09:53	85%	0.262	0.276	0.177	0.181	0.195	86%	0.175	
2	00:11:00	85%	0.244	0.224	0.178	0.182	0.183	86%	0.176	
3	00:12:09	85%	0.214	0.187	0.198	0.161	0.191	86%	0.195	
X		85%	0.240	0.229	0.184	0.175	0.190	86%	0.182	
σ		0%	0.024	0.045	0.012	0.012	0.006	0%	0.011	
%RSD		0	10.090	19.490	6.459	6.609	3.375	0	6.275	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	118%	0.124	742.800	0.000	217000.000	72150.000	72250.000	72050.000	1.999
2	00:18:55	116%	0.052	790.200	0.000	221300.000	73930.000	73670.000	74140.000	1.857
3	00:20:03	116%	0.060	790.000	0.000	220000.000	73450.000	73780.000	74190.000	0.787
X		117%	0.079	774.300	0.000	219400.000	73170.000	73240.000	73460.000	1.548
σ		1%	0.040	27.330	0.000	2207.000	917.200	854.900	1221.000	0.663
%RSD		1	50.570	3.530	0.000	1.006	1.253	1.167	1.662	42.810
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	19660.000	-11.960	0.000	0.000	8494.000	315700.000	325200.000	93%	1.376
2	00:18:55	20380.000	-15.300	0.000	0.000	8753.000	321100.000	331000.000	92%	1.331
3	00:20:03	20050.000	-11.790	0.000	0.000	8685.000	321900.000	331900.000	92%	1.556
X		20030.000	-13.020	0.000	0.000	8644.000	319500.000	329400.000	92%	1.421
σ		358.800	1.982	0.000	0.000	133.800	3348.000	3638.000	1%	0.119
%RSD		1.791	15.230	0.000	0.000	1.548	1.048	1.104	1	8.385
Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	43.070	0.879	220.100	28.130	1.506	41.650	830.000	1.023	5.372
2	00:18:55	45.060	0.949	230.000	27.180	1.443	40.420	830.500	0.951	5.597
3	00:20:03	44.030	1.044	239.800	28.010	1.453	40.000	808.100	0.887	5.297
X		44.050	0.958	230.000	27.770	1.467	40.690	822.900	0.953	5.422
σ		0.995	0.083	9.858	0.515	0.034	0.858	12.800	0.068	0.156
%RSD		2.258	8.656	4.286	1.855	2.335	2.110	1.555	7.141	2.877
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	9.577	9.457	12.710	10.560	23.170	0.912	14.470	23.470	1.496
2	00:18:55	9.348	9.264	12.580	9.490	21.940	1.148	16.020	22.190	4.963
3	00:20:03	9.376	9.324	13.190	9.927	21.650	1.100	15.330	21.870	2.811
X		9.434	9.348	12.830	9.994	22.250	1.053	15.270	22.510	3.090
σ		0.125	0.099	0.321	0.540	0.810	0.125	0.774	0.844	1.750
%RSD		1.322	1.058	2.502	5.406	3.640	11.850	5.067	3.749	56.640
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	-6.419	1.386	1.425	1.582	1.273	0.010	76%	0.489	0.124
2	00:18:55	-1.374	1.425	1.380	1.505	1.302	0.002	76%	-0.779	0.060
3	00:20:03	-2.130	1.258	1.330	1.281	1.397	0.006	77%	-0.382	0.047
X		-3.308	1.356	1.378	1.456	1.324	0.006	76%	-0.224	0.077
σ		2.721	0.087	0.048	0.156	0.065	0.004	1%	0.648	0.041
%RSD		82.260	6.442	3.448	10.740	4.899	68.940	1	289.400	53.050
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:17:47	0.041	0.470	0.095	0.162	0.324	0.240	58.570	56.890	84%
2	00:18:55	0.626	-0.797	0.065	0.031	0.250	0.136	57.660	57.340	85%
3	00:20:03	0.297	-0.400	0.062	0.117	0.219	0.173	57.030	56.820	86%
X		0.321	-0.242	0.074	0.104	0.264	0.183	57.750	57.010	85%
σ		0.293	0.648	0.018	0.067	0.054	0.053	0.776	0.280	1%
%RSD		91.330	267.300	24.240	64.330	20.460	28.890	1.343	0.491	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:17:47	84%	0.196	0.224	1.538	1.524	1.490	80%	22.020	
2	00:18:55	86%	0.101	0.120	1.266	1.128	1.210	82%	22.040	
3	00:20:03	87%	0.121	0.096	1.175	1.053	1.130	82%	22.210	
X		86%	0.139	0.146	1.326	1.235	1.277	81%	22.090	
σ		1%	0.050	0.068	0.189	0.253	0.189	1%	0.104	
%RSD		1	35.880	46.590	14.250	20.470	14.830	1	0.472	

C1851-21 MF3TC1 04/30/2011 12:24:34 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:42	92%	0.064	642.600	0.000	185500.000	61560.000	60570.000	60370.000	1.898
2	00:26:50	92%	-0.021	639.800	0.000	181000.000	61440.000	60740.000	60020.000	1.317
3	00:27:59	91%	0.033	659.800	0.000	184400.000	61710.000	60880.000	61050.000	1.446
X		92%	0.025	647.400	0.000	183600.000	61570.000	60730.000	60480.000	1.554
σ		1%	0.043	10.800	0.000	2342.000	137.400	156.500	521.400	0.305
%RSD		1	169.100	1.668	0.000	1.276	0.223	0.258	0.862	19.660
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:42	20810.000	-10.140	0.000	0.000	7894.000	278000.000	284400.000	89%	0.880
2	00:26:50	20900.000	-10.670	0.000	0.000	7601.000	270500.000	275600.000	92%	1.516
3	00:27:59	21100.000	-9.863	0.000	0.000	7686.000	257400.000	280100.000	91%	1.209
X		20940.000	-10.220	0.000	0.000	7727.000	268600.000	280000.000	91%	1.202
σ		148.600	0.408	0.000	0.000	150.700	10420.000	4412.000	1%	0.318
%RSD		0.710	3.988	0.000	0.000	1.950	3.880	1.576	1	26.440
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:42	29.170	1.562	228.900	0.601	0.297	10.560	643.400	-0.126	2.201
2	00:26:50	29.370	1.481	233.100	-1.873	0.308	8.570	602.200	-0.138	2.177
3	00:27:59	30.370	1.559	240.700	-1.030	0.322	8.670	626.600	-0.172	2.374
X		29.640	1.534	234.200	-0.767	0.309	9.265	624.100	-0.145	2.251
σ		0.645	0.046	6.008	1.258	0.012	1.119	20.710	0.024	0.107
%RSD		2.176	2.992	2.565	163.900	3.990	12.080	3.319	16.460	4.762
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:42	11.390	11.730	19.530	5.688	21.330	1.539	18.270	21.530	1.983
2	00:26:50	10.810	11.840	19.830	6.621	21.810	1.235	18.330	22.060	3.217
3	00:27:59	11.120	11.980	18.770	8.383	23.420	1.068	17.510	23.680	5.677
X		11.100	11.850	19.370	6.897	22.180	1.281	18.040	22.430	3.626
σ		0.290	0.127	0.546	1.368	1.096	0.239	0.458	1.120	1.880
%RSD		2.610	1.073	2.818	19.840	4.941	18.650	2.539	4.994	51.860
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:42	-0.132	1.405	1.296	1.282	1.228	0.006	76%	-0.943	0.012
2	00:26:50	-1.981	1.239	1.030	1.393	1.210	-0.002	76%	0.465	0.022
3	00:27:59	-3.299	1.196	1.150	1.166	1.170	-0.006	76%	-1.670	-0.005
X		-1.804	1.280	1.159	1.280	1.203	-0.001	76%	-0.716	0.010
σ		1.591	0.110	0.134	0.114	0.030	0.006	0%	1.085	0.014
%RSD		88.190	8.618	11.530	8.880	2.458	771.200	0	151.600	141.500
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:25:42	0.523	-0.960	0.054	0.050	0.119	0.060	25.050	23.710	85%
2	00:26:50	-0.197	0.445	0.009	0.060	0.077	0.036	23.640	23.770	85%
3	00:27:59	0.894	-1.686	0.011	-0.027	0.055	0.009	23.810	24.380	85%
X		0.406	-0.734	0.025	0.028	0.084	0.035	24.170	23.950	85%
σ		0.555	1.083	0.025	0.048	0.033	0.025	0.767	0.372	0%
%RSD		136.500	147.600	103.100	173.600	38.750	73.480	3.172	1.555	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:25:42	85%	0.039	0.044	2.902	2.584	2.755	82%	11.030	
2	00:26:50	85%	0.003	0.009	2.839	2.645	2.765	82%	11.050	
3	00:27:59	85%	0.008	0.002	2.761	2.659	2.658	81%	11.090	
X		85%	0.017	0.018	2.834	2.630	2.726	82%	11.060	
σ		0%	0.020	0.022	0.071	0.040	0.059	0%	0.029	
%RSD		0	116.700	122.800	2.505	1.524	2.160	0	0.264	

C1851-22 MF3TD3 04/30/2011 12:32:30 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:33:38	84%	-0.038	1062.000	0.000	301500.000	42840.000	42490.000	42450.000	0.017
2	00:34:46	84%	-0.015	1098.000	0.000	299300.000	42720.000	42040.000	42260.000	0.404
3	00:35:54	86%	-0.039	1030.000	0.000	296800.000	42080.000	41950.000	41550.000	0.302
X		85%	-0.030	1063.000	0.000	299200.000	42550.000	42160.000	42090.000	0.241
σ		1%	0.013	33.770	0.000	2367.000	405.400	290.400	473.500	0.201
%RSD		2	44.110	3.176	0.000	0.791	0.953	0.689	1.125	83.390
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:33:38	23230.000	13.110	0.000	0.000	5951.000	197700.000	214400.000	81%	1.697
2	00:34:46	23320.000	4.552	0.000	0.000	5965.000	197400.000	212800.000	82%	1.725
3	00:35:54	22900.000	0.163	0.000	0.000	5990.000	202800.000	217800.000	80%	1.655
X		23150.000	5.942	0.000	0.000	5969.000	199300.000	215000.000	81%	1.692
σ		221.100	6.585	0.000	0.000	19.540	3034.000	2526.000	1%	0.035
%RSD		0.955	110.800	0.000	0.000	0.327	1.522	1.175	1	2.083
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:33:38	27.900	5.391	248.600	3.003	0.301	9.613	470.400	0.211	2.312
2	00:34:46	26.410	5.483	257.100	1.529	0.334	10.080	476.300	0.246	2.280
3	00:35:54	26.770	5.813	267.500	4.277	0.320	9.240	477.200	0.206	2.292
X		27.030	5.563	257.700	2.936	0.318	9.643	474.600	0.221	2.294
σ		0.776	0.222	9.442	1.375	0.016	0.419	3.682	0.022	0.016
%RSD		2.871	3.989	3.664	46.830	5.145	4.346	0.776	9.937	0.698
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:33:38	1.069	1.099	6.113	9.008	11.890	1.036	10.490	11.920	2.141
2	00:34:46	1.021	1.001	6.601	7.085	14.190	1.365	9.819	14.230	3.843
3	00:35:54	1.066	1.209	6.040	8.578	12.830	1.172	10.220	12.850	5.089
X		1.052	1.103	6.251	8.224	12.970	1.191	10.170	13.000	3.691
σ		0.026	0.104	0.305	1.009	1.159	0.165	0.337	1.160	1.480
%RSD		2.511	9.468	4.877	12.270	8.937	13.870	3.312	8.923	40.090
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:33:38	1.666	1.533	1.614	1.895	1.448	-0.006	74%	0.036	0.019
2	00:34:46	1.681	1.413	1.472	1.782	1.580	-0.002	75%	0.260	0.042
3	00:35:54	1.728	1.603	1.418	1.503	1.585	-0.006	75%	-1.069	0.025
X		1.692	1.516	1.501	1.727	1.538	-0.005	75%	-0.258	0.028
σ		0.032	0.096	0.101	0.202	0.078	0.002	0%	0.712	0.012
%RSD		1.897	6.339	6.745	11.690	5.043	49.030	1	276.200	41.400
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:33:38	0.088	0.014	0.047	-0.000	-0.041	0.005	35.650	36.100	84%
2	00:34:46	-0.156	0.242	0.058	0.026	-0.017	0.022	36.520	35.810	83%
3	00:35:54	0.651	-1.086	0.031	-0.015	-0.024	-0.013	35.140	35.330	83%
X		0.195	-0.277	0.046	0.004	-0.027	0.005	35.770	35.750	84%
σ		0.414	0.710	0.014	0.021	0.012	0.017	0.699	0.387	1%
%RSD		212.600	256.700	29.780	551.400	45.370	360.100	1.954	1.083	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:33:38	84%	0.004	-0.005	0.556	0.479	0.517	80%	10.340	
2	00:34:46	84%	-0.003	0.009	0.516	0.488	0.496	81%	10.430	
3	00:35:54	84%	-0.005	-0.008	0.506	0.445	0.481	81%	10.260	
X		84%	-0.001	-0.001	0.526	0.471	0.498	81%	10.340	
σ		0%	0.005	0.009	0.026	0.023	0.018	1%	0.086	
%RSD		0	384.900	662.100	4.999	4.877	3.586	1	0.828	

C1851-20X25 MF3TCO 04/30/2011 12:40:26 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:34	91%	-0.041	67.620	0.000	11540.000	3865.000	3821.000	3827.000	-0.461
2	00:42:42	92%	-0.021	60.260	0.000	11470.000	3830.000	3786.000	3823.000	-0.519
3	00:43:50	90%	-0.073	64.290	0.000	11710.000	3924.000	3871.000	3913.000	-0.259
X		91%	-0.045	64.060	0.000	11570.000	3873.000	3826.000	3854.000	-0.413
σ		1%	0.026	3.688	0.000	123.700	47.160	42.630	51.120	0.137
%RSD		1	58.880	5.757	0.000	1.069	1.218	1.114	1.326	33.080
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:34	989.400	-8.380	0.000	0.000	393.200	14200.000	14810.000	88%	-0.029
2	00:42:42	991.300	-6.554	0.000	0.000	398.300	14170.000	14810.000	88%	-0.127
3	00:43:50	1034.000	-4.550	0.000	0.000	405.600	14760.000	15130.000	88%	-0.094
X		1005.000	-6.495	0.000	0.000	399.000	14380.000	14920.000	88%	-0.083
σ		25.460	1.916	0.000	0.000	6.208	333.800	185.800	0%	0.050
%RSD		2.533	29.490	0.000	0.000	1.556	2.322	1.245	0	59.670
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:34	1.936	0.149	59.950	4.372	0.037	3.237	42.730	0.012	0.360
2	00:42:42	1.421	0.238	59.670	5.376	0.042	3.787	41.380	0.009	0.246
3	00:43:50	1.685	0.127	56.550	7.672	0.029	4.099	40.930	0.010	0.362
X		1.681	0.171	58.720	5.807	0.036	3.707	41.680	0.011	0.323
σ		0.258	0.059	1.884	1.692	0.006	0.436	0.939	0.002	0.067
%RSD		15.320	34.190	3.208	29.130	17.780	11.770	2.252	15.000	20.600
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:34	0.390	0.483	0.468	0.325	0.808	0.276	1.084	0.808	1.403
2	00:42:42	0.412	0.423	0.319	0.402	0.727	0.286	0.467	0.725	2.378
3	00:43:50	0.388	0.484	0.487	0.500	0.643	0.269	0.886	0.641	0.422
X		0.397	0.463	0.425	0.409	0.726	0.277	0.812	0.725	1.401
σ		0.013	0.035	0.092	0.088	0.083	0.009	0.315	0.083	0.978
%RSD		3.392	7.543	21.640	21.430	11.410	3.172	38.810	11.480	69.810
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:34	-0.011	-0.012	-0.020	-0.022	0.026	0.001	85%	-0.352	-0.038
2	00:42:42	0.054	-0.007	-0.015	-0.014	0.010	-0.003	86%	-1.724	-0.040
3	00:43:50	-0.002	-0.002	-0.011	0.010	0.019	0.001	86%	-0.618	-0.038
X		0.014	-0.007	-0.015	-0.009	0.018	-0.000	85%	-0.898	-0.039
σ		0.035	0.005	0.005	0.017	0.008	0.002	0%	0.728	0.001
%RSD		251.000	75.310	30.970	195.700	43.630	1248.000	0	81.040	2.550
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:41:34	0.151	-0.358	-0.026	-0.036	-0.035	-0.083	2.167	2.206	88%
2	00:42:42	0.911	-1.733	-0.025	-0.112	-0.063	-0.066	1.975	2.292	90%
3	00:43:50	0.287	-0.623	-0.030	-0.051	-0.076	-0.074	2.292	2.175	88%
X		0.450	-0.904	-0.027	-0.066	-0.058	-0.074	2.145	2.224	89%
σ		0.405	0.729	0.003	0.040	0.021	0.009	0.160	0.061	1%
%RSD		90.030	80.630	9.859	60.640	35.600	11.570	7.437	2.730	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:41:34	89%	-0.031	-0.033	0.017	0.006	0.017	88%	0.810	
2	00:42:42	89%	-0.022	-0.028	0.002	0.018	0.013	89%	0.799	
3	00:43:50	88%	-0.029	-0.028	0.009	0.008	0.011	88%	0.824	
X		89%	-0.027	-0.029	0.009	0.011	0.014	88%	0.811	
σ		1%	0.005	0.003	0.007	0.007	0.003	1%	0.012	
%RSD		1	17.480	9.367	80.510	62.470	22.030	1	1.499	

C1851-21X25 MF3TC1 04/30/2011 12:48:22 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:49:30	91%	-0.073	40.900	0.000	8392.000	2889.000	2829.000	2832.000	-0.442
2	00:50:38	91%	-0.052	38.080	0.000	8610.000	2947.000	2870.000	2944.000	-0.507
3	00:51:46	96%	-0.074	39.260	0.000	8400.000	2897.000	2837.000	2880.000	-0.478
X		93%	-0.066	39.410	0.000	8467.000	2911.000	2846.000	2885.000	-0.476
σ		2%	0.012	1.418	0.000	123.700	31.130	21.700	56.080	0.033
%RSD		3	18.650	3.599	0.000	1.461	1.069	0.762	1.943	6.855
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:49:30	920.800	-3.167	0.000	0.000	329.700	11950.000	12340.000	90%	-0.033
2	00:50:38	957.600	-3.257	0.000	0.000	325.300	11930.000	12440.000	91%	-0.098
3	00:51:46	934.500	-5.229	0.000	0.000	319.000	11900.000	12370.000	93%	-0.068
X		937.600	-3.884	0.000	0.000	324.700	11930.000	12390.000	91%	-0.066
σ		18.590	1.165	0.000	0.000	5.382	21.230	49.530	1%	0.033
%RSD		1.983	30.000	0.000	0.000	1.657	0.178	0.400	1	49.220
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:49:30	0.581	0.167	47.190	4.921	-0.012	3.345	32.650	-0.024	0.124
2	00:50:38	0.345	0.221	45.220	3.221	0.013	3.304	37.140	-0.035	0.210
3	00:51:46	1.679	0.140	41.850	6.214	0.013	2.892	36.220	-0.021	0.197
X		0.868	0.176	44.750	4.785	0.005	3.180	35.340	-0.026	0.177
σ		0.712	0.041	2.699	1.501	0.014	0.251	2.372	0.007	0.046
%RSD		81.950	23.390	6.031	31.370	303.100	7.889	6.712	27.000	26.290
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:49:30	0.459	0.607	0.845	-0.162	0.750	0.326	1.466	0.751	3.449
2	00:50:38	0.423	0.573	0.488	0.703	0.900	0.131	1.032	0.900	2.349
3	00:51:46	0.504	0.523	0.806	0.506	0.603	0.146	0.350	0.603	3.345
X		0.462	0.568	0.713	0.349	0.751	0.201	0.949	0.751	3.047
σ		0.040	0.042	0.196	0.454	0.149	0.109	0.563	0.149	0.607
%RSD		8.724	7.436	27.460	130.000	19.790	54.060	59.290	19.810	19.930
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:49:30	-0.048	-0.007	0.003	0.010	0.016	-0.003	86%	0.147	-0.015
2	00:50:38	-0.049	0.007	0.026	0.000	0.009	0.001	87%	-0.309	-0.022
3	00:51:46	0.013	0.026	-0.036	-0.018	0.017	-0.003	89%	-0.713	-0.024
X		-0.028	0.009	-0.002	-0.003	0.014	-0.002	88%	-0.291	-0.020
σ		0.035	0.017	0.031	0.014	0.004	0.002	2%	0.431	0.005
%RSD		125.700	191.800	1474.000	511.900	31.510	137.700	2	147.800	24.000
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:49:30	-0.050	0.144	-0.011	-0.007	-0.056	-0.081	0.909	0.946	88%
2	00:50:38	0.129	-0.314	0.013	-0.014	-0.035	-0.071	0.727	0.819	90%
3	00:51:46	0.335	-0.717	-0.018	-0.043	-0.035	-0.076	0.848	0.761	91%
X		0.138	-0.296	-0.005	-0.021	-0.042	-0.076	0.828	0.842	90%
σ		0.193	0.431	0.016	0.019	0.012	0.005	0.093	0.095	1%
%RSD		139.700	145.700	299.900	88.250	28.290	6.526	11.210	11.280	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:49:30	89%	-0.026	-0.025	0.077	0.068	0.074	88%	0.404	
2	00:50:38	89%	-0.023	-0.023	0.092	0.061	0.079	90%	0.384	
3	00:51:46	90%	-0.028	-0.030	0.087	0.087	0.081	91%	0.383	
X		89%	-0.026	-0.026	0.085	0.072	0.078	90%	0.390	
σ		1%	0.003	0.004	0.007	0.014	0.004	1%	0.012	
%RSD		1	10.100	15.240	8.703	18.830	4.543	2	3.053	

C1851-22X25 MF3TD3 04/30/2011 12:56:19 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:57:27	93%	-0.042	53.190	0.000	12710.000	1856.000	1793.000	1799.000	0.679
2	00:58:35	93%	-0.063	47.000	0.000	12750.000	1830.000	1796.000	1813.000	0.841
3	00:59:43	91%	-0.084	49.850	0.000	12940.000	1872.000	1835.000	1859.000	1.028
X		92%	-0.063	50.010	0.000	12800.000	1853.000	1808.000	1823.000	0.849
σ		1%	0.021	3.097	0.000	126.400	20.850	23.580	31.450	0.174
%RSD		1	32.830	6.193	0.000	0.987	1.125	1.304	1.725	20.540
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:57:27	953.000	-7.505	0.000	0.000	205.600	8302.000	8561.000	92%	0.090
2	00:58:35	965.000	-6.283	0.000	0.000	205.200	8248.000	8676.000	92%	0.152
3	00:59:43	974.100	-6.418	0.000	0.000	217.200	8758.000	8780.000	91%	-0.002
X		964.000	-6.735	0.000	0.000	209.300	8436.000	8672.000	92%	0.080
σ		10.610	0.670	0.000	0.000	6.853	280.500	109.200	1%	0.077
%RSD		1.101	9.942	0.000	0.000	3.274	3.325	1.259	1	96.350
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:57:27	0.929	0.292	39.580	4.138	-0.030	2.457	27.000	-0.009	0.142
2	00:58:35	1.333	0.335	38.090	3.862	-0.028	2.206	20.490	-0.018	0.190
3	00:59:43	0.601	0.303	40.100	2.653	-0.045	2.591	20.260	-0.014	0.121
X		0.954	0.310	39.260	3.551	-0.034	2.418	22.580	-0.014	0.151
σ		0.367	0.022	1.044	0.790	0.009	0.195	3.827	0.004	0.035
%RSD		38.480	7.156	2.659	22.240	26.740	8.069	16.950	31.690	23.460
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:57:27	0.037	-0.002	0.189	0.429	0.209	0.163	0.174	0.209	0.287
2	00:58:35	0.025	0.058	0.087	0.869	0.407	0.083	0.177	0.407	2.458
3	00:59:43	-0.013	0.012	0.226	-0.013	0.369	0.229	1.504	0.368	-2.489
X		0.016	0.023	0.167	0.428	0.328	0.158	0.619	0.328	0.086
σ		0.026	0.031	0.072	0.441	0.105	0.073	0.767	0.105	2.480
%RSD		159.000	135.900	43.270	103.000	32.070	45.870	124.100	32.020	2900.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:57:27	0.022	0.026	-0.008	-0.002	0.041	0.001	89%	0.582	-0.035
2	00:58:35	0.013	0.001	-0.003	0.030	-0.004	-0.003	89%	-0.780	-0.030
3	00:59:43	0.048	-0.009	0.010	0.037	0.022	-0.006	90%	-0.671	-0.035
X		0.027	0.006	-0.000	0.022	0.020	-0.003	89%	-0.290	-0.034
σ		0.018	0.018	0.009	0.021	0.023	0.004	0%	0.757	0.003
%RSD		66.030	292.400	2306.000	95.240	114.900	127.000	1	261.200	8.562
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	00:57:27	-0.328	0.578	-0.021	0.029	0.005	-0.096	1.459	1.402	91%
2	00:58:35	0.370	-0.784	-0.028	-0.060	-0.042	-0.092	1.261	1.357	91%
3	00:59:43	0.315	-0.677	-0.021	-0.054	-0.032	-0.098	1.375	1.144	93%
X		0.119	-0.294	-0.024	-0.028	-0.023	-0.095	1.365	1.301	92%
σ		0.388	0.757	0.004	0.049	0.025	0.003	0.099	0.138	1%
%RSD		326.200	257.400	16.150	175.500	108.300	2.800	7.268	10.600	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	00:57:27	91%	-0.022	-0.027	-0.008	-0.007	-0.009	91%	0.374	
2	00:58:35	92%	-0.027	-0.029	-0.008	-0.017	-0.011	92%	0.371	
3	00:59:43	91%	-0.027	-0.031	-0.008	-0.011	-0.005	93%	0.384	
X		92%	-0.025	-0.029	-0.008	-0.012	-0.008	92%	0.376	
σ		1%	0.003	0.002	0.000	0.005	0.003	1%	0.006	
%RSD		1	12.750	7.283	2.568	39.530	33.340	1	1.693	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:23	88%	-0.062	770.300	0.000	221600.000	64110.000	63760.000	63520.000	-2.489
2	01:06:32	91%	-0.041	745.200	0.000	213700.000	61260.000	61200.000	60860.000	-0.762
3	01:07:40	93%	-0.011	774.500	0.000	210200.000	60990.000	60420.000	60010.000	-0.819
X		90%	-0.038	763.400	0.000	215200.000	62120.000	61790.000	61460.000	-1.357
σ		2%	0.026	15.870	0.000	5856.000	1731.000	1750.000	1832.000	0.981
%RSD		3	67.350	2.080	0.000	2.721	2.786	2.832	2.981	72.290
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:23	22220.000	-14.380	0.000	0.000	8109.000	291700.000	301300.000	87%	1.380
2	01:06:32	21470.000	-11.710	0.000	0.000	7902.000	266200.000	286000.000	90%	1.368
3	01:07:40	21150.000	-13.880	0.000	0.000	7708.000	276400.000	281000.000	94%	1.363
X		21610.000	-13.330	0.000	0.000	7906.000	278100.000	289400.000	90%	1.370
σ		550.200	1.419	0.000	0.000	200.300	12870.000	10570.000	3%	0.008
%RSD		2.545	10.640	0.000	0.000	2.533	4.628	3.650	4	0.614
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:23	31.100	4.027	206.700	1.745	0.174	11.530	670.100	-0.135	2.253
2	01:06:32	28.360	3.925	216.000	0.485	0.148	9.824	632.300	-0.173	2.306
3	01:07:40	27.690	3.640	213.700	-0.036	0.156	9.949	625.800	-0.156	2.429
X		29.050	3.864	212.100	0.731	0.159	10.440	642.700	-0.155	2.329
σ		1.808	0.200	4.848	0.916	0.013	0.953	23.890	0.019	0.090
%RSD		6.224	5.184	2.286	125.200	8.260	9.128	3.717	12.170	3.879
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:23	3.631	4.002	3.539	7.741	24.720	1.090	18.940	25.000	2.861
2	01:06:32	3.644	3.982	3.355	7.095	25.640	1.104	19.060	25.890	3.769
3	01:07:40	3.442	3.701	3.272	7.074	23.730	1.067	19.050	24.010	2.353
X		3.572	3.895	3.389	7.303	24.690	1.087	19.020	24.970	2.995
σ		0.113	0.169	0.136	0.379	0.955	0.019	0.067	0.942	0.718
%RSD		3.170	4.325	4.025	5.192	3.868	1.707	0.352	3.772	23.960
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:23	-1.269	0.994	0.964	1.134	1.041	0.002	72%	0.009	-0.013
2	01:06:32	-1.080	0.969	0.885	1.065	0.951	0.002	75%	-0.205	-0.026
3	01:07:40	-4.220	0.995	0.963	0.947	0.908	0.006	77%	-0.132	-0.028
X		-2.190	0.986	0.937	1.049	0.967	0.003	75%	-0.109	-0.022
σ		1.761	0.015	0.045	0.095	0.068	0.002	2%	0.109	0.008
%RSD		80.430	1.489	4.844	9.013	7.057	63.050	3	99.490	36.190
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:05:23	-0.026	-0.010	-0.013	0.013	0.035	-0.019	35.910	35.830	81%
2	01:06:32	0.083	-0.225	-0.024	-0.030	-0.026	-0.029	33.720	33.540	85%
3	01:07:40	0.045	-0.150	-0.018	-0.026	-0.020	-0.031	34.840	33.290	86%
X		0.034	-0.129	-0.019	-0.014	-0.004	-0.026	34.820	34.220	84%
σ		0.056	0.109	0.005	0.024	0.033	0.006	1.094	1.401	3%
%RSD		164.000	84.800	28.260	170.700	886.100	23.530	3.140	4.093	3
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:05:23	82%	-0.024	-0.022	0.803	0.764	0.800	78%	12.070	
2	01:06:32	86%	-0.027	-0.030	0.752	0.707	0.699	81%	11.500	
3	01:07:40	86%	-0.019	-0.027	0.620	0.588	0.615	82%	11.490	
X		85%	-0.023	-0.027	0.725	0.687	0.705	81%	11.690	
σ		2%	0.004	0.004	0.095	0.090	0.093	2%	0.333	
%RSD		2	17.440	15.110	13.060	13.100	13.190	3	2.847	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:21	97%	-0.024	730.300	0.000	197100.000	63420.000	63200.000	62720.000	-2.065
2	01:14:29	94%	-0.032	743.900	0.000	199700.000	64130.000	63050.000	63470.000	-0.482
3	01:15:37	93%	-0.073	738.700	0.000	200000.000	63630.000	62830.000	63490.000	-0.637
X		95%	-0.043	737.600	0.000	199000.000	63720.000	63030.000	63230.000	-1.061
σ		2%	0.026	6.882	0.000	1600.000	362.300	186.800	440.900	0.873
%RSD		2	61.260	0.933	0.000	0.804	0.569	0.296	0.697	82.230
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:21	20930.000	-15.740	0.000	0.000	7697.000	293800.000	301500.000	95%	1.561
2	01:14:29	21480.000	-14.230	0.000	0.000	7746.000	298200.000	304200.000	92%	1.640
3	01:15:37	20980.000	-14.000	0.000	0.000	7564.000	288800.000	296500.000	94%	1.294
X		21130.000	-14.660	0.000	0.000	7669.000	293600.000	300700.000	94%	1.498
σ		300.900	0.947	0.000	0.000	94.180	4711.000	3907.000	1%	0.182
%RSD		1.424	6.463	0.000	0.000	1.228	1.605	1.299	1	12.120
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:21	24.950	1.017	223.200	-4.703	0.143	8.832	735.900	-0.167	2.393
2	01:14:29	25.630	0.900	240.100	-0.083	0.134	9.531	750.100	-0.191	2.460
3	01:15:37	25.260	1.091	243.900	-5.333	0.137	8.542	704.500	-0.169	2.418
X		25.280	1.003	235.700	-3.373	0.138	8.968	730.200	-0.176	2.424
σ		0.336	0.097	11.060	2.867	0.005	0.509	23.330	0.013	0.034
%RSD		1.328	9.625	4.693	84.990	3.473	5.671	3.195	7.309	1.390
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:21	3.111	3.422	2.404	7.511	23.390	0.962	17.530	23.670	2.559
2	01:14:29	3.254	3.408	2.652	6.588	25.220	1.192	17.350	25.500	0.048
3	01:15:37	3.233	3.447	2.370	7.080	24.080	1.165	17.160	24.380	1.980
X		3.200	3.425	2.476	7.060	24.230	1.106	17.350	24.520	1.529
σ		0.077	0.020	0.154	0.462	0.925	0.126	0.185	0.920	1.315
%RSD		2.415	0.570	6.223	6.542	3.819	11.350	1.063	3.751	86.010
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:21	-0.702	1.086	0.821	1.125	0.861	-0.006	78%	0.084	-0.017
2	01:14:29	-0.224	1.011	0.839	1.134	0.939	-0.002	77%	0.239	-0.026
3	01:15:37	1.206	0.993	0.945	0.854	0.806	0.010	77%	-0.313	-0.025
X		0.093	1.030	0.868	1.038	0.869	0.000	77%	0.003	-0.023
σ		0.993	0.049	0.067	0.159	0.067	0.009	1%	0.285	0.005
%RSD		1065.000	4.764	7.667	15.310	7.698	1942.000	1	8451.000	21.330
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:13:21	-0.067	0.068	-0.022	0.016	-0.048	-0.062	37.310	36.580	85%
2	01:14:29	-0.145	0.221	-0.018	0.010	-0.008	-0.044	36.310	36.950	85%
3	01:15:37	0.198	-0.329	-0.018	-0.027	-0.023	-0.052	36.450	36.920	85%
X		-0.004	-0.013	-0.020	-0.001	-0.026	-0.052	36.690	36.820	85%
σ		0.180	0.284	0.002	0.023	0.020	0.009	0.546	0.204	0%
%RSD		4039.000	2142.000	11.550	4595.000	75.730	17.100	1.489	0.553	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:13:21	87%	-0.026	-0.030	0.587	0.566	0.595	83%	10.820	
2	01:14:29	85%	-0.030	-0.031	0.613	0.523	0.578	82%	10.940	
3	01:15:37	86%	-0.030	-0.029	0.608	0.537	0.568	82%	10.760	
X		86%	-0.029	-0.030	0.603	0.542	0.580	82%	10.840	
σ		1%	0.002	0.001	0.014	0.022	0.013	0%	0.093	
%RSD		1	7.151	3.277	2.297	4.050	2.315	1	0.861	

C1852-01X25 MF3T54

04/30/2011 01:20:10 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:21:18	96%	-0.044	57.060	0.000	9717.000	2882.000	2818.000	2862.000	-0.390
2	01:22:26	97%	-0.044	53.460	0.000	9714.000	2887.000	2825.000	2841.000	-0.296
3	01:23:34	97%	-0.054	50.350	0.000	9585.000	2862.000	2807.000	2820.000	-0.327
X		97%	-0.047	53.620	0.000	9672.000	2877.000	2817.000	2841.000	-0.338
σ		0%	0.006	3.356	0.000	75.470	13.100	8.965	20.680	0.048
%RSD		0	12.450	6.259	0.000	0.780	0.455	0.318	0.728	14.250
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:21:18	990.600	-6.849	0.000	0.000	319.700	12280.000	12740.000	93%	0.057
2	01:22:26	967.000	-8.265	0.000	0.000	314.900	12290.000	12600.000	93%	0.056
3	01:23:34	969.200	-8.850	0.000	0.000	311.900	12180.000	12560.000	94%	0.114
X		975.600	-7.988	0.000	0.000	315.500	12250.000	12630.000	93%	0.076
σ		13.060	1.029	0.000	0.000	3.954	59.900	94.380	1%	0.034
%RSD		1.338	12.880	0.000	0.000	1.253	0.489	0.747	1	44.420
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:21:18	0.674	0.314	58.620	3.324	-0.049	2.292	32.670	-0.034	0.220
2	01:22:26	1.035	0.286	53.610	2.384	0.053	1.681	34.300	-0.030	0.131
3	01:23:34	0.318	0.233	51.410	2.637	-0.004	2.089	31.190	-0.015	0.083
X		0.676	0.278	54.550	2.782	-0.000	2.021	32.720	-0.026	0.144
σ		0.359	0.041	3.695	0.487	0.051	0.311	1.551	0.010	0.069
%RSD		53.080	14.890	6.774	17.500	19600.000	15.380	4.741	36.870	48.030
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:21:18	0.160	0.142	0.657	0.513	0.401	0.198	0.894	0.401	2.939
2	01:22:26	0.114	0.179	0.409	0.432	0.594	0.215	0.901	0.593	-1.078
3	01:23:34	0.103	0.171	0.511	0.073	0.316	0.262	0.808	0.316	2.782
X		0.126	0.164	0.526	0.340	0.437	0.225	0.867	0.437	1.548
σ		0.030	0.020	0.125	0.234	0.143	0.033	0.052	0.142	2.275
%RSD		23.960	12.110	23.750	68.920	32.660	14.790	5.944	32.600	147.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:21:18	0.021	-0.014	-0.004	0.013	0.028	-0.006	90%	-1.136	-0.037
2	01:22:26	0.029	0.010	-0.013	-0.035	0.043	-0.003	91%	-0.099	-0.039
3	01:23:34	-0.024	-0.005	-0.009	0.004	0.010	-0.006	91%	0.547	-0.037
X		0.008	-0.003	-0.009	-0.006	0.027	-0.005	91%	-0.230	-0.037
σ		0.028	0.012	0.005	0.025	0.017	0.002	0%	0.849	0.001
%RSD		336.200	423.700	52.950	429.100	61.470	38.970	0	369.900	2.482
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:21:18	0.552	-1.139	-0.025	-0.073	-0.062	-0.106	1.202	1.194	91%
2	01:22:26	0.073	-0.101	-0.028	-0.008	-0.077	-0.103	1.305	1.193	91%
3	01:23:34	-0.311	0.546	-0.028	0.033	-0.058	-0.101	1.250	1.117	92%
X		0.104	-0.232	-0.027	-0.016	-0.066	-0.103	1.252	1.168	92%
σ		0.432	0.850	0.002	0.053	0.010	0.003	0.052	0.044	0%
%RSD		414.200	367.300	7.071	336.900	14.670	2.434	4.134	3.806	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:21:18	92%	-0.032	-0.033	0.002	-0.004	0.013	93%	0.394	
2	01:22:26	92%	-0.032	-0.030	-0.008	0.010	0.002	93%	0.396	
3	01:23:34	93%	-0.028	-0.029	-0.007	0.011	0.007	93%	0.380	
X		92%	-0.030	-0.031	-0.004	0.006	0.008	93%	0.390	
σ		0%	0.002	0.002	0.006	0.008	0.006	0%	0.008	
%RSD		1	7.766	6.157	139.400	147.300	74.450	0	2.143	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:29:16	96%	-0.044	46.500	0.000	9383.000	3001.000	2965.000	2986.000	-0.445
2	01:30:24	96%	-0.054	37.090	0.000	9188.000	3034.000	2961.000	3006.000	-0.625
3	01:31:32	98%	-0.074	44.020	0.000	9166.000	3000.000	2965.000	2958.000	-0.425
X		97%	-0.057	42.540	0.000	9246.000	3012.000	2964.000	2983.000	-0.498
σ		1%	0.015	4.880	0.000	119.400	19.130	2.379	24.300	0.110
%RSD		1	27.050	11.470	0.000	1.292	0.635	0.080	0.815	22.110
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:29:16	964.600	-3.953	0.000	0.000	308.100	12780.000	13400.000	94%	-0.007
2	01:30:24	968.100	-8.459	0.000	0.000	308.000	12820.000	13340.000	95%	-0.040
3	01:31:32	962.400	-8.443	0.000	0.000	305.400	12810.000	13520.000	94%	-0.039
X		965.000	-6.952	0.000	0.000	307.200	12810.000	13420.000	94%	-0.029
σ		2.848	2.597	0.000	0.000	1.519	20.430	91.530	1%	0.019
%RSD		0.295	37.350	0.000	0.000	0.494	0.160	0.682	1	65.310
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:29:16	0.758	0.143	43.770	2.516	-0.060	2.457	38.970	-0.013	0.138
2	01:30:24	0.936	0.086	42.400	2.401	-0.055	2.400	41.340	-0.035	0.051
3	01:31:32	0.382	0.149	42.900	1.264	-0.036	2.596	40.140	-0.035	0.106
X		0.692	0.126	43.020	2.060	-0.050	2.484	40.150	-0.028	0.099
σ		0.283	0.035	0.692	0.692	0.013	0.101	1.184	0.013	0.044
%RSD		40.880	27.810	1.608	33.590	25.080	4.059	2.949	45.960	44.580
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:29:16	0.101	0.159	0.021	0.118	0.356	0.223	0.805	0.356	1.899
2	01:30:24	0.109	0.133	0.062	0.001	1.023	0.235	0.881	1.024	2.597
3	01:31:32	0.082	0.101	0.038	0.007	0.945	0.219	0.862	0.945	0.453
X		0.097	0.131	0.040	0.042	0.775	0.226	0.850	0.775	1.650
σ		0.014	0.029	0.021	0.066	0.364	0.008	0.039	0.365	1.094
%RSD		14.600	22.400	50.890	157.200	47.060	3.642	4.607	47.140	66.300
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:29:16	0.011	0.005	-0.023	-0.035	-0.008	0.001	91%	0.463	-0.037
2	01:30:24	0.021	0.011	-0.022	-0.042	-0.007	-0.003	90%	-0.275	-0.037
3	01:31:32	0.003	-0.019	-0.027	-0.034	0.004	-0.003	90%	-1.350	-0.035
X		0.012	-0.001	-0.024	-0.037	-0.004	-0.002	90%	-0.387	-0.036
σ		0.009	0.016	0.003	0.004	0.007	0.002	1%	0.912	0.001
%RSD		77.590	1412.000	10.690	11.470	189.500	117.600	1	235.500	2.645
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:29:16	-0.216	0.461	-0.020	0.010	-0.054	-0.096	1.356	1.365	93%
2	01:30:24	0.112	-0.281	-0.021	-0.032	-0.079	-0.091	1.254	1.344	93%
3	01:31:32	0.662	-1.355	-0.023	-0.085	-0.081	-0.103	1.405	1.304	91%
X		0.186	-0.392	-0.021	-0.035	-0.071	-0.097	1.338	1.338	92%
σ		0.443	0.913	0.002	0.048	0.015	0.006	0.077	0.031	1%
%RSD		238.100	233.200	7.363	134.100	21.070	6.078	5.749	2.323	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:29:16	92%	-0.028	-0.029	-0.012	-0.018	-0.016	93%	0.388	
2	01:30:24	92%	-0.032	-0.033	-0.026	-0.004	-0.008	92%	0.372	
3	01:31:32	92%	-0.029	-0.034	-0.019	-0.015	-0.011	94%	0.376	
X		92%	-0.029	-0.032	-0.019	-0.012	-0.012	93%	0.379	
σ		0%	0.002	0.003	0.007	0.008	0.004	1%	0.008	
%RSD		0	6.869	8.905	36.800	62.610	32.530	1	2.200	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:37:13	87%	488.600	456.800	0.000	50120.000	50320.000	50430.000	50470.000	10100.000
2	01:38:21	86%	508.700	481.100	0.000	49790.000	49650.000	49840.000	50360.000	9988.000
3	01:39:29	84%	512.400	512.400	0.000	51530.000	51950.000	52070.000	51830.000	10400.000
X		86%	503.200	483.400	0.000	50480.000	50640.000	50780.000	50890.000	10160.000
σ		2%	12.780	27.870	0.000	928.800	1182.000	1153.000	817.500	214.600
%RSD		2	2.539	5.764	0.000	1.840	2.335	2.271	1.607	2.111
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:37:13	519.200	9883.000	0.000	0.000	26060.000	51750.000	49950.000	83%	499.000
2	01:38:21	502.300	9864.000	0.000	0.000	25320.000	51670.000	49050.000	84%	495.200
3	01:39:29	538.100	10150.000	0.000	0.000	26770.000	55080.000	51560.000	81%	512.700
X		519.800	9967.000	0.000	0.000	26050.000	52830.000	50190.000	83%	502.300
σ		17.910	161.400	0.000	0.000	722.300	1949.000	1268.000	2%	9.165
%RSD		3.446	1.620	0.000	0.000	2.773	3.689	2.527	2	1.825
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:37:13	494.600	496.100	44.840	26020.000	1007.000	25840.000	25780.000	493.100	497.300
2	01:38:21	489.600	488.800	42.350	25180.000	987.500	25240.000	25370.000	483.100	487.400
3	01:39:29	515.300	518.100	44.890	26630.000	1039.000	26550.000	26520.000	509.000	510.300
X		499.800	501.000	44.030	25940.000	1011.000	25880.000	25890.000	495.100	498.400
σ		13.620	15.280	1.452	727.700	26.080	657.500	582.800	13.060	11.480
%RSD		2.724	3.049	3.299	2.805	2.579	2.541	2.251	2.639	2.303
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:37:13	984.400	1010.000	1010.000	506.200	498.100	-1.817	496.900	497.300	6.716
2	01:38:21	980.100	985.400	991.200	500.400	494.000	-2.426	491.700	494.100	1.800
3	01:39:29	1029.000	1025.000	1045.000	517.300	512.200	-1.567	506.100	511.500	0.369
X		997.700	1007.000	1015.000	508.000	501.400	-1.937	498.300	501.000	2.962
σ		26.940	19.890	27.130	8.590	9.510	0.442	7.295	9.270	3.329
%RSD		2.700	1.975	2.673	1.691	1.897	22.810	1.464	1.850	112.400
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:37:13	500.800	496.500	497.900	500.800	494.700	-0.002	80%	486.700	499.300
2	01:38:21	490.700	490.500	496.300	489.700	486.800	0.006	80%	502.500	498.900
3	01:39:29	516.500	511.200	513.600	514.500	512.600	-0.006	78%	506.500	516.800
X		502.700	499.400	502.600	501.700	498.000	-0.001	79%	498.600	505.000
σ		13.010	10.620	9.582	12.410	13.220	0.006	1%	10.500	10.210
%RSD		2.587	2.128	1.906	2.473	2.655	578.700	1	2.105	2.022
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:37:13	20.020	486.400	505.100	497.200	497.000	500.900	2507.000	2516.000	84%
2	01:38:21	4.349	502.000	500.500	497.400	495.100	497.000	2480.000	2501.000	86%
3	01:39:29	11.760	506.000	513.800	515.400	513.800	517.400	2599.000	2587.000	84%
X		12.040	498.100	506.500	503.400	502.000	505.100	2529.000	2534.000	84%
σ		7.840	10.330	6.745	10.460	10.310	10.800	62.060	46.200	1%
%RSD		65.100	2.074	1.332	2.079	2.055	2.139	2.454	1.823	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:37:13	85%	496.600	498.500	497.200	496.000	499.100	84%	515.800	
2	01:38:21	86%	495.800	494.600	495.200	497.200	499.100	84%	513.600	
3	01:39:29	84%	510.400	511.300	514.300	513.800	515.400	83%	530.400	
X		85%	501.000	501.400	502.200	502.300	504.500	84%	519.900	
σ		1%	8.213	8.723	10.520	9.954	9.396	1%	9.155	
%RSD		1	1.640	1.740	2.095	1.982	1.862	1	1.761	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:45:07	88%	0.082	7.526	0.000	-5.595	15.650	17.070	16.220	1.886
2	01:46:16	88%	0.092	8.575	0.000	-12.040	14.840	16.010	16.680	1.979
3	01:47:24	89%	0.090	6.076	0.000	-13.960	16.700	15.330	16.620	2.318
X		88%	0.088	7.392	0.000	-10.530	15.730	16.140	16.510	2.061
σ		1%	0.005	1.255	0.000	4.380	0.935	0.877	0.253	0.228
%RSD		1	5.945	16.980	0.000	41.600	5.946	5.436	1.532	11.050
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:45:07	1.625	-3.507	0.000	0.000	-30.860	26.870	34.910	86%	0.009
2	01:46:16	0.921	1.365	0.000	0.000	-30.870	25.090	33.630	86%	0.411
3	01:47:24	-0.588	-0.759	0.000	0.000	-34.880	16.360	32.540	87%	0.008
X		0.653	-0.967	0.000	0.000	-32.210	22.770	33.690	86%	0.142
σ		1.131	2.442	0.000	0.000	2.318	5.624	1.188	0%	0.233
%RSD		173.200	252.600	0.000	0.000	7.198	24.700	3.526	0	163.300
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:45:07	-0.333	0.236	34.890	10.010	0.171	6.391	7.897	0.123	0.251
2	01:46:16	0.038	0.224	34.090	9.979	0.215	6.495	10.300	0.137	0.192
3	01:47:24	-0.719	0.173	34.020	11.520	0.253	6.953	12.120	0.122	0.157
X		-0.338	0.211	34.330	10.500	0.213	6.613	10.110	0.127	0.200
σ		0.378	0.033	0.483	0.879	0.041	0.299	2.119	0.009	0.048
%RSD		112.000	15.790	1.407	8.374	19.090	4.523	20.970	6.747	23.760
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:45:07	0.311	0.276	0.156	0.025	-1.025	0.117	0.065	-1.021	6.391
2	01:46:16	0.247	0.248	0.038	0.210	-0.522	0.144	0.090	-0.520	4.142
3	01:47:24	0.333	0.212	0.190	0.089	-0.102	0.126	0.528	-0.102	0.201
X		0.297	0.245	0.128	0.108	-0.550	0.129	0.227	-0.548	3.578
σ		0.045	0.032	0.080	0.094	0.462	0.014	0.260	0.460	3.133
%RSD		15.140	13.050	62.100	86.810	84.060	10.730	114.500	84.080	87.580
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:45:07	0.260	0.355	0.292	0.203	0.254	-0.003	85%	0.526	0.183
2	01:46:16	0.252	0.194	0.205	0.179	0.232	-0.006	85%	-0.417	0.159
3	01:47:24	0.148	0.188	0.180	0.145	0.203	-0.003	85%	-0.185	0.135
X		0.220	0.246	0.226	0.176	0.230	-0.004	85%	-0.025	0.159
σ		0.062	0.095	0.059	0.029	0.025	0.002	0%	0.491	0.024
%RSD		28.280	38.750	26.010	16.630	10.990	55.660	0	1947.000	14.990
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:45:07	-0.242	0.519	0.190	0.114	0.420	0.482	0.823	0.640	88%
2	01:46:16	0.298	-0.425	0.162	0.096	0.264	0.317	0.512	0.739	89%
3	01:47:24	0.178	-0.192	0.134	0.069	0.271	0.247	0.653	0.595	88%
X		0.078	-0.032	0.162	0.093	0.318	0.348	0.663	0.658	89%
σ		0.284	0.492	0.028	0.023	0.088	0.121	0.155	0.074	0%
%RSD		361.900	1515.000	17.120	24.550	27.700	34.680	23.430	11.190	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:45:07	88%	0.236	0.195	0.158	0.133	0.142	90%	0.136	
2	01:46:16	89%	0.155	0.146	0.115	0.115	0.112	91%	0.117	
3	01:47:24	88%	0.144	0.140	0.115	0.133	0.131	91%	0.135	
X		88%	0.178	0.160	0.130	0.127	0.128	91%	0.129	
σ		0%	0.050	0.030	0.025	0.010	0.015	0%	0.011	
%RSD		0	28.290	18.770	19.110	7.921	11.610	0	8.246	

C1852-02 MF3T61

04/30/2011 01:51:55 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:53:03	90%	0.066	967.000	0.000	262400.000	73110.000	71820.000	71570.000	0.508
2	01:54:11	90%	-0.019	1009.000	0.000	262300.000	72770.000	71820.000	71320.000	0.068
3	01:55:19	90%	0.033	991.600	0.000	260800.000	72630.000	72040.000	71850.000	-0.346
X		90%	0.027	989.300	0.000	261900.000	72840.000	71900.000	71580.000	0.077
σ		0%	0.043	21.270	0.000	895.900	251.200	126.300	267.700	0.427
%RSD		0	161.900	2.150	0.000	0.342	0.345	0.176	0.374	556.500
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:53:03	18750.000	-12.090	0.000	0.000	10640.000	317400.000	324600.000	91%	1.343
2	01:54:11	18710.000	-11.360	0.000	0.000	10690.000	316300.000	321400.000	92%	1.541
3	01:55:19	18570.000	-14.650	0.000	0.000	10630.000	315200.000	322500.000	92%	0.883
X		18680.000	-12.700	0.000	0.000	10650.000	316300.000	322800.000	92%	1.256
σ		93.240	1.727	0.000	0.000	32.530	1060.000	1662.000	1%	0.338
%RSD		0.499	13.600	0.000	0.000	0.305	0.335	0.515	1	26.890
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:53:03	23.110	0.871	217.200	3.152	0.702	16.220	777.900	-0.203	3.149
2	01:54:11	23.300	0.801	222.300	1.660	0.564	15.100	768.900	-0.201	2.883
3	01:55:19	22.060	0.946	231.000	0.834	0.554	14.770	779.200	-0.236	2.959
X		22.820	0.873	223.500	1.882	0.607	15.360	775.300	-0.213	2.997
σ		0.667	0.072	6.992	1.175	0.083	0.761	5.623	0.020	0.137
%RSD		2.923	8.280	3.128	62.430	13.650	4.953	0.725	9.344	4.572
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:53:03	2.441	2.469	3.364	7.552	38.060	0.930	33.630	38.520	2.015
2	01:54:11	2.302	2.362	3.493	6.651	38.830	1.078	35.890	39.330	-0.870
3	01:55:19	2.449	2.447	3.344	7.435	41.480	0.895	34.030	42.030	-0.441
X		2.397	2.426	3.400	7.212	39.460	0.968	34.520	39.960	0.235
σ		0.083	0.057	0.081	0.490	1.793	0.097	1.209	1.840	1.557
%RSD		3.445	2.343	2.374	6.794	4.545	10.030	3.504	4.604	663.100
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:53:03	1.389	1.125	0.878	1.089	0.857	-0.002	75%	1.729	0.046
2	01:54:11	1.918	0.866	0.805	0.968	0.867	-0.006	75%	-0.300	0.016
3	01:55:19	-1.108	0.899	0.923	1.129	0.848	-0.002	75%	-0.159	-0.001
X		0.733	0.963	0.869	1.062	0.858	-0.004	75%	0.423	0.021
σ		1.616	0.141	0.059	0.084	0.010	0.002	0%	1.133	0.024
%RSD		220.500	14.630	6.848	7.883	1.108	68.250	1	267.800	114.500
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	01:53:03	-0.714	1.704	0.045	0.253	0.183	0.092	41.640	40.730	84%
2	01:54:11	0.321	-0.321	0.037	0.027	0.189	0.131	40.330	38.930	85%
3	01:55:19	0.188	-0.181	0.023	0.057	0.089	0.047	40.590	41.880	85%
X		-0.068	0.401	0.035	0.113	0.154	0.090	40.860	40.510	85%
σ		0.563	1.131	0.011	0.123	0.056	0.042	0.695	1.487	0%
%RSD		823.100	282.200	30.970	108.900	36.490	46.430	1.701	3.670	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	01:53:03	84%	0.130	0.121	0.806	0.792	0.823	81%	7.355	
2	01:54:11	85%	0.049	0.053	0.727	0.684	0.704	82%	7.417	
3	01:55:19	85%	0.036	0.037	0.628	0.589	0.617	82%	7.403	
X		85%	0.072	0.070	0.720	0.688	0.715	82%	7.392	
σ		1%	0.051	0.045	0.089	0.102	0.103	0%	0.033	
%RSD		1	71.270	63.220	12.420	14.810	14.470	0	0.443	

C1852-03 MF3T61D 04/30/2011 01:59:50 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:00:59	87%	-0.007	996.000	0.000	262900.000	73930.000	73480.000	73640.000	0.555
2	02:02:07	90%	-0.041	950.700	0.000	259700.000	72400.000	71720.000	71890.000	-0.262
3	02:03:15	90%	0.044	974.500	0.000	257900.000	71300.000	71400.000	70860.000	0.931
X		89%	-0.001	973.700	0.000	260200.000	72540.000	72200.000	72130.000	0.408
σ		2%	0.043	22.650	0.000	2501.000	1316.000	1123.000	1406.000	0.610
%RSD		2	4203.000	2.326	0.000	0.962	1.814	1.555	1.949	149.600
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:00:59	18510.000	-9.443	0.000	0.000	10710.000	318200.000	325800.000	92%	1.104
2	02:02:07	18350.000	-13.480	0.000	0.000	10540.000	314900.000	321300.000	92%	1.263
3	02:03:15	18200.000	-14.970	0.000	0.000	10400.000	309300.000	314000.000	94%	1.320
X		18350.000	-12.630	0.000	0.000	10550.000	314200.000	320400.000	93%	1.229
σ		151.800	2.859	0.000	0.000	154.600	4500.000	5961.000	1%	0.112
%RSD		0.827	22.640	0.000	0.000	1.465	1.432	1.861	1	9.092
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:00:59	24.760	0.839	214.800	1.048	0.544	14.130	771.500	-0.254	3.112
2	02:02:07	21.820	0.834	230.200	3.323	0.547	13.650	753.700	-0.214	2.760
3	02:03:15	21.700	0.907	225.900	2.573	0.504	13.740	748.800	-0.223	2.848
X		22.760	0.860	223.600	2.315	0.531	13.840	758.000	-0.231	2.907
σ		1.734	0.041	7.926	1.159	0.024	0.256	11.970	0.021	0.183
%RSD		7.618	4.721	3.544	50.080	4.543	1.850	1.579	9.077	6.307
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:00:59	1.800	2.112	3.239	7.677	40.050	0.945	33.510	40.600	0.629
2	02:02:07	1.958	2.136	3.045	7.172	38.690	0.967	34.300	39.130	4.241
3	02:03:15	2.038	2.099	2.721	7.233	36.350	1.008	31.680	36.780	3.595
X		1.932	2.116	3.002	7.361	38.360	0.973	33.160	38.840	2.822
σ		0.121	0.019	0.262	0.276	1.876	0.032	1.341	1.927	1.926
%RSD		6.269	0.889	8.719	3.747	4.890	3.276	4.045	4.961	68.270
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:00:59	2.612	0.837	0.828	0.917	0.790	-0.002	74%	-1.052	0.017
2	02:02:07	1.693	0.847	0.702	0.969	0.807	0.002	76%	0.278	0.027
3	02:03:15	0.763	0.784	0.634	0.803	0.790	-0.002	78%	-0.434	-0.002
X		1.689	0.823	0.721	0.896	0.796	-0.001	76%	-0.403	0.014
σ		0.925	0.034	0.098	0.085	0.010	0.002	2%	0.665	0.015
%RSD		54.740	4.128	13.620	9.453	1.239	280.100	2	165.200	106.300
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:00:59	0.516	-1.070	0.024	-0.069	0.046	0.025	41.190	41.120	84%
2	02:02:07	-0.101	0.256	0.013	0.020	0.003	0.043	39.270	40.370	86%
3	02:03:15	0.321	-0.450	0.020	-0.026	0.009	0.016	41.160	39.200	86%
X		0.246	-0.421	0.019	-0.025	0.019	0.028	40.540	40.230	85%
σ		0.315	0.663	0.006	0.044	0.023	0.014	1.103	0.965	1%
%RSD		128.400	157.400	29.540	176.600	122.300	48.630	2.720	2.399	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	02:00:59	85%	0.026	0.021	0.542	0.487	0.553	81%	7.396	
2	02:02:07	86%	0.007	0.008	0.580	0.508	0.530	82%	7.248	
3	02:03:15	87%	-0.004	-0.001	0.579	0.506	0.532	83%	7.134	
X		86%	0.010	0.009	0.567	0.501	0.538	82%	7.259	
σ		1%	0.015	0.011	0.022	0.012	0.013	1%	0.132	
%RSD		1	156.800	117.800	3.811	2.355	2.357	1	1.811	

C1852-04 MF3T61S

04/30/2011 02:07:46 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:08:54	90%	42.870	1018.000	0.000	273500.000	76750.000	75780.000	76050.000	1793.000
2	02:10:02	92%	43.080	971.300	0.000	262000.000	73940.000	73230.000	73300.000	1697.000
3	02:11:10	92%	42.330	1020.000	0.000	264900.000	75280.000	74010.000	73950.000	1725.000
X		91%	42.760	1003.000	0.000	266800.000	75320.000	74340.000	74430.000	1738.000
σ		1%	0.386	27.550	0.000	5988.000	1402.000	1306.000	1438.000	49.500
%RSD		1	0.904	2.746	0.000	2.244	1.861	1.757	1.932	2.847
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:08:54	18970.000	-12.680	0.000	0.000	11160.000	338200.000	347500.000	89%	1.370
2	02:10:02	18140.000	-11.590	0.000	0.000	10550.000	319600.000	329200.000	94%	1.544
3	02:11:10	18280.000	-12.280	0.000	0.000	10660.000	322400.000	330300.000	94%	1.172
X		18460.000	-12.180	0.000	0.000	10790.000	326700.000	335700.000	92%	1.362
σ		447.300	0.551	0.000	0.000	324.600	10010.000	10300.000	3%	0.186
%RSD		2.423	4.521	0.000	0.000	3.009	3.064	3.067	3	13.660
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:08:54	466.300	172.000	264.700	900.100	454.700	918.800	1748.000	446.000	432.900
2	02:10:02	441.000	163.800	264.700	835.200	429.500	854.100	1650.000	418.800	413.900
3	02:11:10	438.100	163.500	274.300	859.100	433.100	864.300	1738.000	424.900	418.000
X		448.500	166.400	267.900	864.800	439.100	879.000	1712.000	429.900	421.600
σ		15.510	4.841	5.542	32.820	13.610	34.780	54.120	14.300	9.990
%RSD		3.459	2.909	2.069	3.795	3.099	3.957	3.161	3.328	2.369
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:08:54	218.000	220.800	453.600	47.480	53.350	1.162	44.840	53.990	1.157
2	02:10:02	209.100	210.500	426.800	43.430	45.290	1.467	40.490	45.900	3.476
3	02:11:10	208.900	211.800	429.700	44.700	50.060	1.137	42.700	50.710	1.382
X		212.000	214.400	436.700	45.200	49.570	1.255	42.680	50.200	2.005
σ		5.172	5.636	14.710	2.071	4.051	0.184	2.173	4.067	1.279
%RSD		2.439	2.629	3.369	4.582	8.172	14.660	5.092	8.103	63.810
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:08:54	-1.317	0.877	0.894	0.872	0.821	-0.002	74%	52.580	47.250
2	02:10:02	-1.182	0.995	0.862	1.097	0.647	-0.002	76%	50.570	45.450
3	02:11:10	-0.038	0.927	0.713	0.935	0.747	-0.002	76%	45.840	45.770
X		-0.846	0.933	0.823	0.968	0.738	-0.002	75%	49.660	46.160
σ		0.703	0.059	0.096	0.116	0.088	0.000	2%	3.459	0.962
%RSD		83.060	6.329	11.680	11.980	11.880	3.978	2	6.964	2.083
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:08:54	-1.559	52.440	47.220	50.990	0.042	101.800	2050.000	2027.000	82%
2	02:10:02	-0.152	50.430	45.580	49.130	-0.005	97.480	1954.000	1958.000	85%
3	02:11:10	3.121	45.720	44.870	47.450	0.043	98.080	1955.000	1970.000	85%
X		0.470	49.530	45.890	49.190	0.027	99.130	1986.000	1985.000	84%
σ		2.401	3.449	1.207	1.770	0.028	2.366	54.770	37.180	2%
%RSD		510.800	6.964	2.630	3.598	102.100	2.386	2.757	1.873	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	02:08:54	83%	48.550	49.410	21.790	19.850	20.770	79%	7.735	
2	02:10:02	86%	47.090	47.340	21.190	19.070	20.010	82%	7.379	
3	02:11:10	85%	47.820	48.260	21.300	19.420	20.310	81%	7.509	
X		85%	47.820	48.340	21.430	19.450	20.360	80%	7.541	
σ		2%	0.729	1.034	0.321	0.390	0.383	1%	0.180	
%RSD		2	1.525	2.139	1.500	2.003	1.883	2	2.388	

C1852-02LX5 MF3T61L

04/30/2011 02:15:42 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:16:50	91%	-0.041	247.700	0.000	58210.000	16220.000	16270.000	16120.000	0.152
2	02:17:58	90%	-0.073	251.300	0.000	57630.000	16170.000	16260.000	16110.000	-0.017
3	02:19:07	88%	-0.029	240.100	0.000	58790.000	16570.000	16530.000	16340.000	0.165
X		90%	-0.048	246.400	0.000	58210.000	16320.000	16360.000	16190.000	0.100
σ		2%	0.023	5.752	0.000	583.300	214.700	151.300	126.600	0.102
%RSD		2	47.580	2.335	0.000	1.002	1.315	0.925	0.782	101.300
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:16:50	4107.000	-4.483	0.000	0.000	2326.000	67290.000	69970.000	88%	0.071
2	02:17:58	4107.000	-2.967	0.000	0.000	2330.000	66850.000	69920.000	88%	0.333
3	02:19:07	4157.000	-7.709	0.000	0.000	2365.000	67850.000	70590.000	87%	0.342
X		4124.000	-5.053	0.000	0.000	2340.000	67330.000	70160.000	88%	0.249
σ		29.090	2.422	0.000	0.000	21.690	499.400	369.100	1%	0.154
%RSD		0.706	47.920	0.000	0.000	0.927	0.742	0.526	1	61.880
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:16:50	4.445	0.351	96.740	5.398	0.145	3.856	181.200	-0.055	0.802
2	02:17:58	3.871	0.296	96.790	4.018	0.159	3.755	198.400	-0.032	0.598
3	02:19:07	5.301	0.359	93.600	3.790	0.107	3.941	179.100	-0.066	0.929
X		4.539	0.336	95.710	4.402	0.137	3.850	186.200	-0.051	0.776
σ		0.720	0.034	1.828	0.870	0.027	0.093	10.610	0.017	0.167
%RSD		15.850	10.200	1.910	19.770	19.860	2.422	5.697	33.750	21.560
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:16:50	0.433	0.594	3.768	1.863	8.026	0.267	6.208	8.026	-1.672
2	02:17:58	0.521	0.508	3.848	1.813	7.940	0.302	7.252	7.937	0.563
3	02:19:07	0.513	0.481	4.229	1.500	7.654	0.363	6.604	7.646	6.620
X		0.489	0.528	3.948	1.725	7.873	0.311	6.688	7.869	1.837
σ		0.049	0.059	0.247	0.197	0.195	0.049	0.527	0.199	4.290
%RSD		9.951	11.230	6.243	11.420	2.474	15.630	7.876	2.524	233.500
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:16:50	0.086	0.117	0.090	0.090	0.134	-0.003	83%	0.076	-0.038
2	02:17:58	0.160	0.111	0.134	0.198	0.136	-0.003	84%	-0.203	-0.029
3	02:19:07	0.105	0.107	0.115	0.175	0.131	-0.003	83%	0.329	-0.031
X		0.117	0.111	0.113	0.155	0.133	-0.003	83%	0.068	-0.033
σ		0.038	0.005	0.022	0.057	0.002	0.000	0%	0.266	0.005
%RSD		32.890	4.633	19.280	37.030	1.832	0.692	0	393.800	13.970
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:16:50	-0.065	0.065	-0.016	0.014	-0.018	-0.052	8.028	7.815	89%
2	02:17:58	0.077	-0.213	-0.021	-0.015	-0.019	-0.061	7.939	7.947	89%
3	02:19:07	-0.138	0.319	-0.021	-0.005	-0.013	-0.077	7.654	7.828	88%
X		-0.042	0.057	-0.019	-0.002	-0.017	-0.063	7.874	7.863	89%
σ		0.109	0.266	0.003	0.015	0.003	0.013	0.195	0.073	0%
%RSD		260.900	465.800	16.170	793.300	20.210	19.840	2.482	0.925	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	02:16:50	89%	0.117	0.113	0.092	0.050	0.080	87%	1.332	
2	02:17:58	90%	0.083	0.074	0.070	0.071	0.080	88%	1.383	
3	02:19:07	88%	0.050	0.053	0.088	0.055	0.078	87%	1.373	
X		89%	0.083	0.080	0.083	0.059	0.079	87%	1.363	
σ		1%	0.034	0.031	0.012	0.011	0.001	0%	0.027	
%RSD		1	40.370	38.150	14.440	18.800	1.758	0	1.965	

C1852-06 MF3T66 04/30/2011 02:23:39 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:24:47	83%	-0.014	800.400	0.000	272400.000	62120.000	61400.000	61370.000	1.311
2	02:25:55	83%	-0.014	820.800	0.000	271600.000	62300.000	61530.000	60930.000	1.092
3	02:27:04	84%	-0.003	842.000	0.000	271500.000	62090.000	61430.000	61230.000	1.058
X		83%	-0.011	821.000	0.000	271800.000	62170.000	61450.000	61180.000	1.154
σ		0%	0.006	20.780	0.000	467.000	109.900	69.220	225.400	0.137
%RSD		1	59.480	2.531	0.000	0.172	0.177	0.113	0.368	11.910
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:24:47	16990.000	-7.321	0.000	0.000	10360.000	291600.000	300900.000	87%	1.148
2	02:25:55	16760.000	-9.489	0.000	0.000	10170.000	292400.000	297500.000	89%	1.115
3	02:27:04	16910.000	-10.070	0.000	0.000	10230.000	293600.000	302800.000	87%	0.977
X		16890.000	-8.960	0.000	0.000	10250.000	292500.000	300400.000	88%	1.080
σ		118.600	1.449	0.000	0.000	96.900	977.300	2703.000	1%	0.091
%RSD		0.702	16.170	0.000	0.000	0.945	0.334	0.900	1	8.392
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:24:47	24.640	0.827	208.100	2.279	0.553	11.400	733.800	-0.152	2.063
2	02:25:55	21.420	0.722	222.400	1.333	0.471	11.350	754.700	-0.186	2.059
3	02:27:04	21.420	0.731	235.400	-0.214	0.405	12.870	724.500	-0.173	2.023
X		22.490	0.760	222.000	1.133	0.476	11.870	737.600	-0.171	2.048
σ		1.860	0.058	13.650	1.259	0.074	0.863	15.460	0.018	0.022
%RSD		8.267	7.639	6.151	111.100	15.570	7.264	2.095	10.290	1.093
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:24:47	1.594	1.635	3.316	5.778	39.030	1.057	34.240	39.470	3.975
2	02:25:55	1.562	1.689	3.545	7.119	41.880	0.822	34.190	42.450	3.511
3	02:27:04	1.412	1.594	3.546	7.611	42.340	0.867	34.710	42.820	-0.772
X		1.523	1.639	3.469	6.836	41.090	0.915	34.380	41.580	2.238
σ		0.097	0.048	0.133	0.949	1.794	0.125	0.287	1.836	2.617
%RSD		6.385	2.907	3.825	13.880	4.366	13.670	0.834	4.416	116.900
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:24:47	-3.199	0.783	0.723	1.058	0.914	-0.002	72%	-0.924	-0.013
2	02:25:55	-0.282	0.890	0.806	1.066	0.873	0.007	72%	-0.546	-0.017
3	02:27:04	0.482	1.060	0.890	1.027	0.879	-0.002	72%	-1.872	-0.017
X		-0.999	0.911	0.806	1.050	0.889	0.001	72%	-1.114	-0.016
σ		1.943	0.140	0.084	0.021	0.022	0.005	0%	0.683	0.002
%RSD		194.400	15.320	10.410	1.973	2.517	556.200	0	61.260	14.770
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:24:47	0.517	-0.942	0.005	-0.045	0.000	0.007	36.450	36.640	81%
2	02:25:55	0.324	-0.566	-0.011	-0.048	-0.017	-0.030	36.980	35.920	81%
3	02:27:04	0.935	-1.887	0.001	-0.074	-0.064	-0.032	35.620	35.980	82%
X		0.592	-1.132	-0.002	-0.056	-0.027	-0.018	36.350	36.180	81%
σ		0.312	0.681	0.008	0.016	0.033	0.022	0.687	0.402	0%
%RSD		52.770	60.140	456.800	29.060	122.000	120.500	1.889	1.110	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	02:24:47	81%	0.020	0.026	0.402	0.365	0.379	78%	6.442	
2	02:25:55	82%	0.015	0.015	0.352	0.322	0.353	79%	6.463	
3	02:27:04	82%	0.017	0.008	0.360	0.318	0.345	79%	6.547	
X		82%	0.017	0.016	0.371	0.335	0.359	79%	6.484	
σ		0%	0.003	0.009	0.027	0.026	0.018	0%	0.055	
%RSD		1	15.100	55.820	7.283	7.854	4.996	0	0.854	

C1852-02X25 MF3T61

04/30/2011 02:31:37 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:32:45	84%	-0.038	64.320	0.000	12010.000	3369.000	3314.000	3346.000	-0.259
2	02:33:53	85%	-0.027	57.600	0.000	12030.000	3383.000	3327.000	3345.000	-0.353
3	02:35:00	83%	-0.049	58.710	0.000	12630.000	3570.000	3488.000	3548.000	-0.068
X		84%	-0.038	60.210	0.000	12220.000	3441.000	3376.000	3413.000	-0.227
σ		1%	0.011	3.600	0.000	354.100	112.300	97.240	116.900	0.145
%RSD		1	28.990	5.979	0.000	2.896	3.264	2.880	3.426	63.960
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:32:45	809.000	-5.102	0.000	0.000	479.300	14010.000	14190.000	85%	0.012
2	02:33:53	820.500	-3.218	0.000	0.000	466.600	13640.000	14330.000	85%	0.045
3	02:35:00	866.800	-1.033	0.000	0.000	502.400	14480.000	15150.000	83%	0.157
X		832.100	-3.118	0.000	0.000	482.800	14040.000	14550.000	84%	0.071
σ		30.640	2.037	0.000	0.000	18.100	423.100	517.000	1%	0.076
%RSD		3.682	65.330	0.000	0.000	3.750	3.012	3.552	2	107.100
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:32:45	0.059	0.124	65.200	6.354	-0.009	3.086	33.180	-0.045	0.120
2	02:33:53	0.147	0.185	62.040	4.672	-0.000	3.138	33.050	-0.040	0.196
3	02:35:00	0.727	0.175	61.320	7.757	0.017	3.760	34.630	-0.037	0.293
X		0.311	0.162	62.860	6.261	0.003	3.328	33.620	-0.041	0.203
σ		0.363	0.033	2.063	1.545	0.013	0.375	0.880	0.004	0.087
%RSD		116.700	20.210	3.282	24.670	511.000	11.260	2.617	10.310	42.740
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:32:45	0.091	0.133	0.431	-0.132	1.228	0.361	1.682	1.226	5.109
2	02:33:53	0.032	0.139	0.199	0.124	1.477	0.271	1.834	1.474	1.388
3	02:35:00	0.078	0.108	0.128	-0.226	0.560	0.363	2.218	0.558	7.481
X		0.067	0.127	0.253	-0.078	1.088	0.332	1.911	1.086	4.659
σ		0.031	0.016	0.159	0.181	0.474	0.052	0.276	0.473	3.072
%RSD		46.590	12.720	62.700	231.600	43.590	15.750	14.450	43.600	65.920
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:32:45	-0.027	0.059	-0.029	-0.037	-0.005	0.001	83%	-1.128	-0.042
2	02:33:53	-0.037	-0.038	0.031	-0.055	0.005	-0.003	83%	-0.006	-0.031
3	02:35:00	-0.007	-0.015	-0.013	-0.027	0.003	0.001	81%	-1.217	-0.042
X		-0.024	0.002	-0.004	-0.040	0.001	0.000	83%	-0.784	-0.038
σ		0.016	0.051	0.031	0.014	0.005	0.002	1%	0.675	0.006
%RSD		65.260	2417.000	854.500	34.740	568.000	3400.000	1	86.080	15.860
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:32:45	0.550	-1.136	-0.026	-0.072	-0.045	-0.089	1.554	1.516	87%
2	02:33:53	0.033	-0.015	-0.017	-0.017	-0.038	-0.100	1.445	1.662	87%
3	02:35:00	0.596	-1.226	-0.026	-0.084	-0.067	-0.093	1.585	1.511	86%
X		0.393	-0.792	-0.023	-0.058	-0.050	-0.094	1.528	1.563	87%
σ		0.313	0.675	0.005	0.036	0.015	0.006	0.073	0.086	1%
%RSD		79.540	85.170	21.990	62.560	29.540	5.935	4.799	5.516	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	02:32:45	88%	-0.013	-0.006	0.010	0.008	0.010	88%	0.253	
2	02:33:53	88%	-0.007	-0.012	0.021	0.001	0.007	89%	0.240	
3	02:35:00	86%	-0.008	-0.012	0.001	0.006	0.007	87%	0.274	
X		87%	-0.009	-0.010	0.011	0.005	0.008	88%	0.256	
σ		1%	0.004	0.004	0.010	0.004	0.002	1%	0.017	
%RSD		1	38.550	36.770	93.600	76.150	19.440	1	6.775	

C1852-03X25 MF3T61D 04/30/2011 02:39:34 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:40:42	85%	-0.061	45.880	0.000	12230.000	3454.000	3375.000	3373.000	-0.451
2	02:41:50	85%	-0.084	52.850	0.000	12340.000	3494.000	3384.000	3425.000	-0.497
3	02:42:58	83%	-0.026	53.540	0.000	12740.000	3620.000	3571.000	3566.000	-0.175
X		84%	-0.057	50.750	0.000	12430.000	3523.000	3443.000	3454.000	-0.374
σ		1%	0.029	4.236	0.000	268.300	86.930	110.900	99.870	0.174
%RSD		1	51.430	8.346	0.000	2.158	2.468	3.221	2.891	46.540
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:40:42	829.000	-3.317	0.000	0.000	465.800	14110.000	14420.000	87%	0.207
2	02:41:50	843.800	-6.127	0.000	0.000	478.800	14090.000	14750.000	86%	-0.025
3	02:42:58	874.200	1.229	0.000	0.000	495.900	14810.000	15240.000	85%	0.080
X		849.000	-2.738	0.000	0.000	480.200	14340.000	14800.000	86%	0.087
σ		23.060	3.712	0.000	0.000	15.090	412.000	414.300	1%	0.116
%RSD		2.716	135.500	0.000	0.000	3.142	2.873	2.799	1	133.200
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:40:42	-0.291	0.154	51.070	6.991	-0.014	2.576	32.360	-0.020	0.131
2	02:41:50	0.955	0.174	47.920	7.544	-0.010	2.394	35.380	-0.035	0.183
3	02:42:58	0.300	0.152	49.810	7.443	0.006	2.505	33.990	-0.025	0.180
X		0.322	0.160	49.600	7.326	-0.006	2.492	33.910	-0.027	0.165
σ		0.623	0.012	1.586	0.294	0.010	0.092	1.512	0.008	0.029
%RSD		193.800	7.607	3.198	4.020	170.400	3.680	4.459	28.790	17.530
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:40:42	0.046	0.079	0.109	0.174	1.152	0.264	1.637	1.148	3.109
2	02:41:50	0.094	0.045	0.100	0.007	1.236	0.275	1.782	1.231	0.503
3	02:42:58	0.012	0.161	0.247	-0.116	1.309	0.272	1.660	1.305	3.715
X		0.050	0.095	0.152	0.022	1.232	0.270	1.693	1.228	2.442
σ		0.041	0.060	0.082	0.146	0.079	0.005	0.078	0.078	1.707
%RSD		81.690	62.990	54.060	669.200	6.396	1.971	4.603	6.362	69.880
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:40:42	0.046	-0.022	-0.020	-0.022	0.010	-0.006	85%	-0.113	-0.035
2	02:41:50	0.027	-0.001	-0.030	-0.022	-0.015	-0.006	85%	-0.927	-0.033
3	02:42:58	0.039	-0.000	-0.029	-0.046	0.001	0.005	84%	-0.589	-0.038
X		0.037	-0.008	-0.026	-0.030	-0.001	-0.003	85%	-0.543	-0.035
σ		0.010	0.012	0.005	0.014	0.013	0.007	1%	0.409	0.003
%RSD		25.880	154.900	20.880	45.740	1074.000	257.300	1	75.370	7.200
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:40:42	0.031	-0.122	-0.023	0.010	-0.061	-0.095	1.656	1.464	90%
2	02:41:50	0.447	-0.936	-0.026	-0.068	-0.063	-0.090	1.611	1.515	90%
3	02:42:58	0.274	-0.598	-0.012	-0.029	-0.041	-0.084	1.330	1.817	88%
X		0.251	-0.552	-0.020	-0.029	-0.055	-0.090	1.532	1.599	89%
σ		0.209	0.409	0.007	0.039	0.012	0.006	0.177	0.191	1%
%RSD		83.500	74.110	36.490	135.500	22.000	6.168	11.540	11.910	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	02:40:42	90%	-0.009	-0.016	-0.016	-0.005	-0.004	91%	0.241	
2	02:41:50	90%	-0.016	-0.019	-0.001	-0.012	-0.003	91%	0.258	
3	02:42:58	88%	-0.018	-0.016	-0.012	-0.004	-0.004	90%	0.260	
X		89%	-0.014	-0.017	-0.010	-0.007	-0.004	90%	0.253	
σ		1%	0.005	0.002	0.008	0.004	0.001	1%	0.010	
%RSD		2	33.300	10.080	76.910	58.400	26.270	1	4.073	

C1852-04X24 MF3T61S

04/30/2011 02:47:31 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:48:39	84%	1.813	50.880	0.000	12650.000	3601.000	3513.000	3531.000	82.960
2	02:49:48	87%	1.774	46.880	0.000	12270.000	3482.000	3413.000	3415.000	81.810
3	02:50:56	88%	1.782	46.830	0.000	11890.000	3411.000	3369.000	3350.000	78.280
X		86%	1.790	48.190	0.000	12270.000	3498.000	3431.000	3432.000	81.020
σ		2%	0.020	2.322	0.000	382.200	95.670	73.840	91.500	2.437
%RSD		2	1.138	4.819	0.000	3.116	2.735	2.152	2.666	3.008
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:48:39	866.700	-6.797	0.000	0.000	491.200	15010.000	15320.000	84%	-0.020
2	02:49:48	843.000	0.149	0.000	0.000	478.500	14220.000	14910.000	85%	0.010
3	02:50:56	821.900	-11.110	0.000	0.000	457.800	13700.000	14410.000	87%	0.072
X		843.900	-5.918	0.000	0.000	475.800	14310.000	14880.000	86%	0.021
σ		22.420	5.679	0.000	0.000	16.860	662.900	454.700	2%	0.047
%RSD		2.656	95.960	0.000	0.000	3.543	4.632	3.056	2	226.000
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:48:39	19.790	8.058	49.500	45.150	20.060	43.110	79.860	19.870	19.980
2	02:49:48	19.450	7.741	47.480	42.650	19.280	42.170	68.430	19.110	19.050
3	02:50:56	18.680	7.406	45.740	45.320	19.300	39.870	71.520	18.680	18.720
X		19.300	7.735	47.570	44.370	19.550	41.720	73.270	19.220	19.250
σ		0.568	0.326	1.881	1.494	0.440	1.671	5.916	0.601	0.653
%RSD		2.945	4.218	3.955	3.367	2.252	4.004	8.075	3.126	3.392
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:48:39	9.654	9.496	20.810	2.107	2.310	0.190	2.780	2.300	-0.197
2	02:49:48	9.889	9.865	20.010	1.764	1.259	0.217	2.253	1.256	4.979
3	02:50:56	9.624	9.466	19.500	1.725	1.485	0.182	2.500	1.482	2.465
X		9.722	9.609	20.110	1.865	1.685	0.196	2.511	1.679	2.416
σ		0.145	0.222	0.662	0.210	0.553	0.018	0.263	0.549	2.588
%RSD		1.493	2.310	3.294	11.270	32.830	9.295	10.490	32.720	107.100
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:48:39	-0.028	-0.005	-0.019	0.005	0.002	-0.003	83%	1.802	1.859
2	02:49:48	0.057	-0.000	-0.004	-0.021	-0.018	-0.006	84%	1.270	1.881
3	02:50:56	0.009	-0.017	0.014	-0.014	-0.009	-0.003	85%	2.309	1.871
X		0.013	-0.008	-0.003	-0.010	-0.008	-0.004	84%	1.794	1.870
σ		0.043	0.008	0.017	0.014	0.010	0.002	1%	0.520	0.011
%RSD		334.300	111.800	566.100	138.900	117.500	56.850	1	28.990	0.586
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:48:39	0.252	1.796	1.888	1.743	-0.020	3.838	83.150	80.350	86%
2	02:49:48	0.347	1.261	1.825	1.780	-0.041	3.736	80.760	81.110	88%
3	02:50:56	0.308	2.300	1.860	1.801	-0.050	3.923	79.110	80.010	89%
X		0.302	1.786	1.858	1.775	-0.037	3.832	81.010	80.490	88%
σ		0.048	0.520	0.032	0.029	0.016	0.093	2.030	0.567	1%
%RSD		15.750	29.100	1.710	1.656	41.940	2.434	2.506	0.704	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	02:48:39	86%	1.845	1.902	0.842	0.782	0.790	89%	0.257	
2	02:49:48	88%	1.900	1.870	0.794	0.742	0.770	90%	0.253	
3	02:50:56	89%	1.881	1.844	0.766	0.762	0.753	90%	0.261	
X		88%	1.875	1.872	0.801	0.762	0.771	90%	0.257	
σ		2%	0.028	0.029	0.039	0.020	0.019	1%	0.004	
%RSD		2	1.506	1.569	4.830	2.638	2.416	1	1.542	

C1852-02LX125 MF3T61L 04/30/2011 02:55:29 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:56:38	85%	-0.072	16.770	0.000	2607.000	726.000	723.000	737.500	-0.029
2	02:57:46	88%	-0.018	13.230	0.000	2425.000	682.700	677.500	690.700	0.026
3	02:58:54	88%	-0.029	13.090	0.000	2399.000	673.300	669.200	675.900	-0.232
X		87%	-0.040	14.360	0.000	2477.000	694.000	689.900	701.400	-0.078
σ		2%	0.029	2.082	0.000	113.200	28.080	28.960	32.130	0.136
%RSD		2	72.650	14.490	0.000	4.572	4.046	4.197	4.582	174.400
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:56:38	187.700	-6.473	0.000	0.000	91.950	3070.000	3166.000	84%	-0.055
2	02:57:46	170.500	-6.191	0.000	0.000	73.800	2757.000	2958.000	87%	0.074
3	02:58:54	171.600	-5.927	0.000	0.000	73.780	2925.000	2921.000	86%	0.142
X		176.600	-6.197	0.000	0.000	79.840	2917.000	3015.000	86%	0.054
σ		9.610	0.273	0.000	0.000	10.490	156.600	132.300	2%	0.100
%RSD		5.441	4.408	0.000	0.000	13.130	5.369	4.390	2	185.400
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:56:38	-0.039	0.146	37.620	8.647	0.037	5.983	9.687	0.004	0.123
2	02:57:46	-0.368	0.137	35.780	3.627	-0.030	4.895	12.560	-0.003	0.124
3	02:58:54	-0.516	0.058	35.200	3.406	-0.047	5.199	9.935	-0.010	0.107
X		-0.308	0.114	36.200	5.227	-0.013	5.359	10.730	-0.003	0.118
σ		0.244	0.049	1.266	2.964	0.045	0.561	1.593	0.007	0.009
%RSD		79.320	42.600	3.498	56.710	333.500	10.470	14.850	225.200	7.924
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:56:38	-0.004	0.077	0.067	0.049	-0.229	0.164	1.292	-0.228	6.913
2	02:57:46	0.013	0.003	0.110	0.175	0.445	0.117	0.458	0.445	-1.709
3	02:58:54	0.013	-0.018	-0.052	0.018	0.191	0.148	1.292	0.191	2.163
X		0.007	0.021	0.042	0.081	0.136	0.143	1.014	0.136	2.455
σ		0.010	0.050	0.084	0.083	0.340	0.024	0.482	0.339	4.318
%RSD		138.900	243.000	201.600	103.000	250.200	16.750	47.520	249.600	175.900
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:56:38	-0.046	-0.032	-0.034	-0.054	-0.034	0.005	83%	-0.115	-0.024
2	02:57:46	-0.019	-0.033	-0.054	-0.047	-0.018	-0.006	84%	-0.628	-0.033
3	02:58:54	-0.047	-0.033	-0.054	-0.047	-0.018	-0.006	85%	-0.180	-0.042
X		-0.038	-0.032	-0.047	-0.049	-0.023	-0.003	84%	-0.308	-0.033
σ		0.016	0.000	0.012	0.004	0.009	0.007	1%	0.279	0.009
%RSD		42.690	1.047	24.940	8.491	38.740	265.600	2	90.710	27.010
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	02:56:38	0.030	-0.120	-0.015	-0.023	-0.070	-0.091	0.414	0.419	85%
2	02:57:46	0.293	-0.635	-0.019	-0.052	-0.070	-0.088	0.328	0.267	88%
3	02:58:54	0.063	-0.185	-0.024	-0.013	-0.072	-0.097	0.328	0.301	87%
X		0.129	-0.313	-0.020	-0.029	-0.071	-0.092	0.357	0.329	87%
σ		0.144	0.281	0.005	0.020	0.001	0.005	0.049	0.080	2%
%RSD		111.700	89.550	23.340	69.020	2.118	4.945	13.850	24.230	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	02:56:38	85%	-0.000	-0.008	-0.014	-0.033	-0.025	88%	0.034	
2	02:57:46	88%	-0.017	-0.012	-0.033	-0.021	-0.022	90%	0.035	
3	02:58:54	88%	-0.012	-0.013	-0.028	-0.030	-0.029	90%	0.033	
X		87%	-0.010	-0.011	-0.025	-0.028	-0.025	90%	0.034	
σ		2%	0.009	0.003	0.010	0.006	0.003	1%	0.001	
%RSD		2	87.710	26.940	40.840	22.100	12.490	1	2.583	

C1852-06X25 MF3T66

04/30/2011 03:03:28 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:04:36	84%	-0.061	38.810	0.000	11950.000	2797.000	2709.000	2736.000	-0.328
2	03:05:44	87%	-0.028	36.710	0.000	11850.000	2776.000	2691.000	2700.000	-0.504
3	03:06:52	87%	-0.061	38.490	0.000	11920.000	2776.000	2662.000	2699.000	-0.546
X		86%	-0.050	38.000	0.000	11910.000	2783.000	2687.000	2712.000	-0.459
σ		1%	0.019	1.131	0.000	50.120	12.280	23.660	20.920	0.116
%RSD		1	38.200	2.975	0.000	0.421	0.441	0.880	0.771	25.160
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:04:36	730.100	-0.181	0.000	0.000	427.600	12610.000	12880.000	85%	-0.125
2	03:05:44	733.000	-6.634	0.000	0.000	423.400	12830.000	12850.000	86%	0.210
3	03:06:52	735.900	-5.622	0.000	0.000	422.500	12730.000	12920.000	86%	0.042
X		733.000	-4.146	0.000	0.000	424.500	12720.000	12880.000	86%	0.043
σ		2.891	3.470	0.000	0.000	2.716	112.200	35.750	1%	0.168
%RSD		0.394	83.710	0.000	0.000	0.640	0.881	0.278	1	392.900
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:04:36	1.023	0.057	39.360	5.266	-0.025	3.648	30.740	-0.026	0.076
2	03:05:44	0.203	0.118	39.040	4.366	-0.007	3.377	36.550	-0.030	0.117
3	03:06:52	1.157	0.066	37.570	4.969	-0.053	2.975	41.370	-0.034	0.175
X		0.794	0.081	38.660	4.867	-0.029	3.333	36.220	-0.030	0.123
σ		0.516	0.033	0.954	0.459	0.023	0.339	5.325	0.004	0.050
%RSD		64.960	40.690	2.468	9.431	80.920	10.160	14.700	12.850	40.710
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:04:36	0.066	0.068	0.099	0.479	0.626	0.133	1.717	0.625	3.730
2	03:05:44	0.064	0.073	0.167	0.108	1.038	0.183	1.862	1.036	4.226
3	03:06:52	0.061	0.052	0.084	0.039	1.244	0.194	1.421	1.240	0.898
X		0.064	0.065	0.117	0.209	0.970	0.170	1.667	0.967	2.952
σ		0.003	0.011	0.044	0.237	0.315	0.032	0.225	0.314	1.795
%RSD		4.611	17.210	37.760	113.300	32.480	19.030	13.490	32.440	60.820
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:04:36	-0.009	-0.032	-0.019	-0.029	-0.005	-0.003	83%	1.553	-0.036
2	03:05:44	-0.038	0.005	0.015	-0.004	-0.015	-0.003	84%	-0.378	-0.040
3	03:06:52	-0.010	-0.022	-0.015	-0.055	-0.009	-0.006	85%	-0.490	-0.036
X		-0.019	-0.017	-0.006	-0.030	-0.009	-0.004	84%	0.229	-0.038
σ		0.016	0.019	0.019	0.025	0.005	0.002	1%	1.148	0.002
%RSD		87.590	114.600	296.400	85.900	53.320	57.160	1	502.600	5.348
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:04:36	-0.822	1.544	-0.024	0.069	-0.061	-0.102	1.164	1.442	87%
2	03:05:44	0.165	-0.384	-0.026	-0.038	-0.079	-0.095	1.278	1.600	87%
3	03:06:52	0.223	-0.497	-0.026	-0.030	-0.060	-0.090	1.204	1.261	89%
X		-0.145	0.221	-0.026	0.000	-0.067	-0.096	1.215	1.434	88%
σ		0.587	1.147	0.001	0.060	0.011	0.006	0.058	0.170	1%
%RSD		405.500	519.400	4.122	19240.000	16.340	6.397	4.798	11.850	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	03:04:36	87%	-0.011	-0.018	-0.029	-0.029	-0.024	89%	0.218	
2	03:05:44	87%	-0.015	-0.020	-0.022	-0.038	-0.022	89%	0.226	
3	03:06:52	89%	-0.020	-0.020	-0.026	-0.030	-0.021	90%	0.217	
X		88%	-0.015	-0.019	-0.026	-0.032	-0.022	89%	0.220	
σ		1%	0.005	0.001	0.003	0.005	0.002	1%	0.005	
%RSD		1	31.410	7.000	12.330	15.150	8.948	1	2.160	

CCV 04/30/2011 03:11:25 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:12:33	77%	491.100	474.700	0.000	50450.000	50540.000	50480.000	50430.000	10060.000
2	03:13:41	76%	493.400	453.900	0.000	49670.000	50080.000	49720.000	49850.000	9919.000
3	03:14:49	76%	495.200	456.700	0.000	50620.000	50720.000	49810.000	49970.000	10020.000
X		76%	493.200	461.800	0.000	50250.000	50450.000	50000.000	50080.000	10000.000
σ		1%	2.087	11.250	0.000	506.800	330.700	416.000	305.400	73.800
%RSD		1	0.423	2.437	0.000	1.009	0.655	0.832	0.610	0.738
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:12:33	496.700	9698.000	0.000	0.000	26070.000	52090.000	49550.000	76%	489.300
2	03:13:41	485.500	9593.000	0.000	0.000	25270.000	52470.000	48470.000	77%	477.200
3	03:14:49	495.300	9725.000	0.000	0.000	25790.000	52640.000	48990.000	76%	480.900
X		492.500	9672.000	0.000	0.000	25710.000	52400.000	49010.000	76%	482.500
σ		6.080	69.610	0.000	0.000	406.200	285.700	538.800	1%	6.181
%RSD		1.234	0.720	0.000	0.000	1.580	0.545	1.099	1	1.281
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:12:33	493.200	492.200	40.350	25300.000	995.000	25290.000	25430.000	485.100	483.500
2	03:13:41	486.400	482.200	46.300	25100.000	984.700	24940.000	25070.000	479.200	476.800
3	03:14:49	486.500	486.300	38.440	25310.000	990.300	25190.000	25260.000	482.000	480.000
X		488.700	486.900	41.700	25240.000	990.000	25140.000	25250.000	482.100	480.100
σ		3.891	5.013	4.099	116.800	5.110	178.100	180.300	2.977	3.344
%RSD		0.796	1.030	9.830	0.463	0.516	0.709	0.714	0.618	0.697
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:12:33	966.400	962.400	999.900	494.700	488.400	-1.586	480.600	486.800	6.121
2	03:13:41	965.100	961.600	997.800	497.200	495.200	-1.589	488.600	495.500	5.632
3	03:14:49	967.400	964.200	1004.000	484.300	483.000	-0.628	483.400	481.800	0.216
X		966.300	962.700	1001.000	492.100	488.900	-1.268	484.200	488.100	3.990
σ		1.137	1.307	3.143	6.864	6.125	0.554	4.046	6.939	3.277
%RSD		0.118	0.136	0.314	1.395	1.253	43.700	0.836	1.422	82.140
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:12:33	485.700	487.200	485.900	493.400	488.700	-0.002	75%	493.600	493.400
2	03:13:41	497.800	495.700	500.900	508.900	503.400	-0.002	72%	523.600	504.500
3	03:14:49	487.900	486.200	482.300	493.500	483.800	-0.002	74%	483.300	494.300
X		490.500	489.700	489.700	498.600	492.000	-0.002	74%	500.200	497.400
σ		6.447	5.222	9.859	8.897	10.210	0.000	1%	20.950	6.166
%RSD		1.314	1.066	2.013	1.784	2.075	3.166	2	4.189	1.240
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:12:33	11.560	493.000	492.000	491.800	496.900	495.600	2486.000	2505.000	81%
2	03:13:41	7.890	522.300	503.000	505.400	499.300	504.900	2515.000	2527.000	81%
3	03:14:49	17.740	482.500	492.300	490.000	494.400	498.800	2500.000	2503.000	81%
X		12.400	499.200	495.800	495.700	496.900	499.800	2500.000	2512.000	81%
σ		4.978	20.610	6.270	8.393	2.444	4.742	14.360	13.510	0%
%RSD		40.160	4.128	1.265	1.693	0.492	0.949	0.574	0.538	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	03:12:33	82%	493.100	493.200	496.800	495.600	495.700	81%	518.200	
2	03:13:41	82%	489.400	494.500	496.400	496.100	496.300	81%	514.800	
3	03:14:49	81%	488.900	494.000	497.400	492.300	493.400	81%	514.200	
X		82%	490.500	493.900	496.900	494.700	495.100	81%	515.700	
σ		1%	2.293	0.644	0.493	2.089	1.539	0%	2.156	
%RSD		1	0.468	0.130	0.099	0.422	0.311	0	0.418	

CCB 04/30/2011 03:19:20 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:20:28	79%	-0.047	9.042	0.000	12.950	6.027	5.935	6.762	0.711
2	03:21:36	79%	0.074	7.517	0.000	7.550	10.040	10.310	10.830	1.752
3	03:22:44	81%	0.096	4.946	0.000	4.941	6.452	6.710	5.932	0.927
X		80%	0.041	7.168	0.000	8.480	7.505	7.650	7.840	1.130
σ		1%	0.077	2.070	0.000	4.085	2.202	2.332	2.619	0.549
%RSD		1	188.000	28.870	0.000	48.170	29.340	30.490	33.410	48.610
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:20:28	-0.120	-1.876	0.000	0.000	-11.690	11.310	19.480	78%	0.478
2	03:21:36	0.701	-0.561	0.000	0.000	-16.810	9.002	18.920	80%	0.098
3	03:22:44	-0.204	0.674	0.000	0.000	-15.420	7.301	19.220	79%	0.397
X		0.126	-0.588	0.000	0.000	-14.640	9.205	19.210	79%	0.324
σ		0.500	1.275	0.000	0.000	2.649	2.013	0.284	1%	0.200
%RSD		398.800	217.000	0.000	0.000	18.090	21.870	1.478	1	61.790
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:20:28	-0.903	0.150	34.760	9.191	0.079	7.414	11.340	0.055	0.093
2	03:21:36	0.018	0.131	31.720	11.840	0.208	8.751	12.130	0.102	0.088
3	03:22:44	0.112	0.149	30.070	8.288	0.157	7.587	10.830	0.026	0.100
X		-0.258	0.144	32.180	9.773	0.148	7.917	11.430	0.061	0.094
σ		0.561	0.011	2.379	1.845	0.065	0.727	0.654	0.039	0.006
%RSD		217.600	7.439	7.392	18.880	43.810	9.183	5.726	63.170	6.135
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:20:28	0.180	0.112	0.015	0.400	0.051	0.082	0.522	0.050	0.228
2	03:21:36	0.174	0.259	0.282	0.195	-0.046	0.107	0.521	-0.046	3.216
3	03:22:44	0.169	0.110	0.268	0.280	-0.228	0.100	-0.154	-0.227	2.229
X		0.174	0.160	0.189	0.292	-0.074	0.096	0.296	-0.074	1.891
σ		0.006	0.086	0.150	0.103	0.141	0.013	0.390	0.141	1.523
%RSD		3.178	53.510	79.640	35.430	189.900	13.000	131.600	190.100	80.530
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:20:28	0.193	0.236	0.189	0.151	0.232	-0.006	77%	-0.310	0.111
2	03:21:36	0.249	0.072	0.191	0.166	0.124	-0.002	78%	-1.333	0.096
3	03:22:44	0.118	0.072	0.085	0.130	0.094	-0.006	78%	0.932	0.070
X		0.187	0.126	0.155	0.149	0.150	-0.005	78%	-0.237	0.093
σ		0.066	0.095	0.061	0.018	0.072	0.002	1%	1.134	0.021
%RSD		35.150	74.810	39.080	12.040	48.220	46.730	1	478.200	22.450
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:20:28	0.192	-0.317	0.110	0.041	0.311	0.438	0.304	0.297	80%
2	03:21:36	0.716	-1.342	0.125	0.063	0.289	0.373	0.456	0.530	83%
3	03:22:44	-0.444	0.923	0.071	0.108	0.166	0.244	0.318	0.260	82%
X		0.155	-0.245	0.102	0.071	0.255	0.352	0.359	0.362	82%
σ		0.581	1.134	0.028	0.034	0.078	0.098	0.084	0.146	1%
%RSD		374.700	462.300	27.660	48.570	30.510	27.970	23.340	40.360	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	03:20:28	81%	0.104	0.104	0.077	0.049	0.060	84%	0.068	
2	03:21:36	83%	0.115	0.114	0.111	0.096	0.092	85%	0.091	
3	03:22:44	82%	0.081	0.091	0.079	0.050	0.060	85%	0.074	
X		82%	0.100	0.103	0.089	0.065	0.071	85%	0.078	
σ		1%	0.017	0.011	0.019	0.027	0.018	1%	0.012	
%RSD		1	17.470	11.140	21.300	41.550	25.840	1	15.570	

C1852-07 MF3T67

04/30/2011 03:27:16 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:28:24	80%	0.170	781.600	0.000	220500.000	46930.000	46450.000	46640.000	2.957
2	03:29:32	77%	0.103	801.900	0.000	227100.000	48050.000	47530.000	47250.000	1.739
3	03:30:40	77%	0.215	809.500	0.000	231900.000	48710.000	47930.000	47460.000	1.395
X		78%	0.163	797.700	0.000	226500.000	47900.000	47300.000	47120.000	2.030
σ		1%	0.056	14.440	0.000	5745.000	897.400	768.700	424.800	0.821
%RSD		2	34.640	1.811	0.000	2.537	1.874	1.625	0.902	40.420
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:28:24	23940.000	-0.776	0.000	0.000	7929.000	248100.000	266400.000	84%	1.652
2	03:29:32	24260.000	3.780	0.000	0.000	8067.000	249800.000	271100.000	82%	1.584
3	03:30:40	24520.000	-0.139	0.000	0.000	8135.000	253000.000	272100.000	82%	1.829
X		24240.000	0.955	0.000	0.000	8043.000	250300.000	269800.000	83%	1.688
σ		291.300	2.467	0.000	0.000	104.800	2470.000	3055.000	1%	0.127
%RSD		1.202	258.400	0.000	0.000	1.303	0.987	1.132	1	7.491
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:28:24	25.680	2.030	230.900	14.510	0.552	23.970	646.600	0.092	3.007
2	03:29:32	27.110	2.183	238.300	13.270	0.427	22.200	649.400	0.028	2.752
3	03:30:40	26.040	2.016	252.500	9.227	0.402	20.990	640.600	-0.021	2.932
X		26.280	2.076	240.600	12.330	0.460	22.390	645.500	0.033	2.897
σ		0.742	0.093	11.010	2.762	0.081	1.500	4.494	0.056	0.131
%RSD		2.823	4.468	4.578	22.390	17.550	6.699	0.696	170.600	4.532
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:28:24	1.460	1.716	1.486	6.370	19.230	1.150	15.430	19.450	6.411
2	03:29:32	1.375	1.689	0.977	7.342	20.180	1.046	14.030	20.380	0.857
3	03:30:40	1.320	1.584	1.015	7.112	18.110	1.160	15.470	18.290	3.880
X		1.385	1.663	1.160	6.942	19.170	1.119	14.980	19.370	3.716
σ		0.070	0.070	0.283	0.508	1.035	0.063	0.822	1.046	2.781
%RSD		5.078	4.193	24.430	7.317	5.397	5.659	5.488	5.400	74.830
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:28:24	-5.501	1.036	1.176	1.244	1.158	0.003	69%	0.895	0.088
2	03:29:32	-11.410	1.082	0.978	0.979	1.042	-0.006	69%	-1.137	0.053
3	03:30:40	-10.590	1.048	0.958	1.270	1.075	-0.006	69%	0.517	0.047
X		-9.166	1.055	1.037	1.164	1.092	-0.003	69%	0.092	0.063
σ		3.201	0.024	0.121	0.161	0.060	0.005	0%	1.081	0.022
%RSD		34.920	2.251	11.650	13.850	5.469	156.700	0	1178.000	35.640
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:28:24	-0.478	0.871	0.136	0.267	0.302	0.195	58.170	56.400	78%
2	03:29:32	0.560	-1.155	0.055	0.050	0.132	0.175	56.930	57.000	78%
3	03:30:40	-0.079	0.492	0.045	0.085	0.203	0.098	57.100	57.710	79%
X		0.001	0.069	0.079	0.134	0.212	0.156	57.400	57.040	79%
σ		0.523	1.078	0.050	0.117	0.085	0.051	0.671	0.657	0%
%RSD		46400.000	1553.000	63.300	86.850	40.080	32.930	1.169	1.153	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	03:28:24	79%	0.249	0.215	0.743	0.699	0.746	77%	9.742	
2	03:29:32	79%	0.125	0.098	0.631	0.546	0.567	77%	9.701	
3	03:30:40	80%	0.091	0.083	0.550	0.515	0.511	78%	9.866	
X		80%	0.155	0.132	0.642	0.587	0.608	77%	9.770	
σ		0%	0.083	0.072	0.097	0.098	0.123	1%	0.086	
%RSD		0	53.390	54.590	15.090	16.780	20.170	1	0.882	

C1852-08 MF3T68

04/30/2011 03:35:12 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:36:20	78%	-0.022	928.100	0.000	284100.000	42870.000	42090.000	41960.000	4.889
2	03:37:28	80%	0.024	919.900	0.000	285000.000	42650.000	42430.000	42350.000	4.953
3	03:38:36	80%	-0.024	917.300	0.000	286400.000	43080.000	42620.000	42310.000	4.670
X		79%	-0.007	921.700	0.000	285200.000	42870.000	42380.000	42210.000	4.837
σ		1%	0.027	5.666	0.000	1167.000	215.800	267.000	217.300	0.148
%RSD		1	373.200	0.615	0.000	0.409	0.503	0.630	0.515	3.067
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:36:20	18300.000	1.987	0.000	0.000	7781.000	214900.000	234100.000	84%	1.268
2	03:37:28	18500.000	2.828	0.000	0.000	7836.000	221300.000	237900.000	83%	1.273
3	03:38:36	18630.000	4.435	0.000	0.000	7721.000	217300.000	234300.000	86%	1.297
X		18480.000	3.083	0.000	0.000	7779.000	217800.000	235400.000	84%	1.279
σ		168.800	1.244	0.000	0.000	57.790	3219.000	2164.000	1%	0.016
%RSD		0.914	40.340	0.000	0.000	0.743	1.478	0.919	2	1.222
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:36:20	26.980	0.911	231.000	36.320	2.356	43.340	623.300	0.365	2.459
2	03:37:28	26.630	1.044	237.600	35.580	2.399	43.870	606.900	0.377	3.103
3	03:38:36	25.510	0.991	236.700	34.300	2.503	42.000	594.700	0.380	2.828
X		26.370	0.982	235.100	35.400	2.419	43.070	608.300	0.374	2.797
σ		0.763	0.067	3.581	1.022	0.076	0.965	14.320	0.008	0.323
%RSD		2.894	6.802	1.523	2.887	3.131	2.241	2.355	2.055	11.550
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:36:20	4.182	4.626	5.215	8.377	19.930	1.109	15.160	20.150	-0.071
2	03:37:28	4.524	4.624	5.695	9.428	20.700	0.951	14.540	20.860	4.933
3	03:38:36	4.114	4.221	5.535	8.768	17.890	1.039	14.170	18.080	2.961
X		4.274	4.491	5.482	8.858	19.510	1.033	14.620	19.700	2.608
σ		0.220	0.233	0.245	0.531	1.453	0.079	0.499	1.446	2.520
%RSD		5.144	5.197	4.463	5.998	7.452	7.666	3.415	7.340	96.650
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:36:20	1.444	1.572	1.569	1.464	1.422	-0.006	70%	-1.094	0.044
2	03:37:28	1.584	1.469	1.566	1.594	1.313	-0.006	72%	0.788	0.003
3	03:38:36	1.157	1.530	1.317	1.473	1.496	-0.002	72%	-0.628	-0.003
X		1.395	1.524	1.484	1.510	1.410	-0.005	71%	-0.311	0.015
σ		0.218	0.052	0.145	0.073	0.092	0.003	1%	0.980	0.025
%RSD		15.620	3.409	9.743	4.814	6.508	51.630	1	314.800	173.400
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:36:20	0.674	-1.114	0.077	-0.013	0.110	0.133	36.790	36.550	80%
2	03:37:28	-0.358	0.765	0.028	0.057	0.131	0.128	36.110	36.820	81%
3	03:38:36	0.366	-0.648	0.028	-0.021	0.124	0.105	36.680	37.300	82%
X		0.228	-0.332	0.044	0.008	0.122	0.122	36.530	36.890	81%
σ		0.530	0.979	0.029	0.043	0.010	0.015	0.365	0.379	1%
%RSD		232.900	294.600	64.990	552.200	8.552	12.350	1.000	1.028	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	03:36:20	80%	0.042	0.050	0.814	0.709	0.726	78%	8.230	
2	03:37:28	82%	0.012	0.021	0.694	0.694	0.697	79%	8.247	
3	03:38:36	83%	0.006	0.010	0.694	0.643	0.668	80%	8.256	
X		82%	0.020	0.027	0.734	0.682	0.697	79%	8.245	
σ		1%	0.019	0.021	0.070	0.034	0.029	1%	0.013	
%RSD		2	95.750	77.260	9.501	5.054	4.179	1	0.160	

C1852-09 MF3T81

04/30/2011 03:43:08 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:44:16	80%	-0.036	482.000	0.000	173200.000	34570.000	34380.000	34270.000	0.101
2	03:45:24	80%	0.001	483.300	0.000	172200.000	34380.000	34330.000	34390.000	0.066
3	03:46:32	80%	-0.024	489.300	0.000	174300.000	34760.000	34340.000	34280.000	-0.074
X		80%	-0.019	484.900	0.000	173200.000	34570.000	34350.000	34310.000	0.031
σ		0%	0.019	3.849	0.000	1098.000	191.100	29.220	65.220	0.093
%RSD		0	95.300	0.794	0.000	0.634	0.553	0.085	0.190	299.200
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:44:16	14960.000	-9.496	0.000	0.000	10210.000	183500.000	185300.000	81%	1.663
2	03:45:24	15120.000	-9.589	0.000	0.000	9959.000	178900.000	183400.000	82%	0.802
3	03:46:32	15250.000	-7.944	0.000	0.000	10380.000	184700.000	187800.000	79%	0.756
X		15110.000	-9.010	0.000	0.000	10180.000	182400.000	185500.000	81%	1.074
σ		145.500	0.924	0.000	0.000	211.700	3061.000	2220.000	1%	0.511
%RSD		0.963	10.250	0.000	0.000	2.079	1.678	1.197	1	47.590
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:44:16	13.320	1.131	240.500	16.320	0.501	20.860	449.400	-0.024	2.239
2	03:45:24	10.840	1.127	257.000	13.460	0.457	18.800	418.100	-0.009	2.374
3	03:46:32	15.240	1.144	264.600	16.590	0.427	20.400	452.500	-0.053	2.401
X		13.130	1.134	254.000	15.460	0.461	20.020	440.000	-0.029	2.338
σ		2.205	0.009	12.340	1.733	0.037	1.081	19.040	0.023	0.086
%RSD		16.790	0.785	4.856	11.210	8.067	5.400	4.327	79.120	3.692
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:44:16	1.467	1.473	2.472	2.097	10.780	1.432	8.568	10.810	2.505
2	03:45:24	1.371	1.503	2.389	2.937	11.550	1.193	8.518	11.580	2.798
3	03:46:32	1.458	1.565	2.073	3.780	11.170	1.151	8.759	11.180	0.044
X		1.432	1.514	2.311	2.938	11.160	1.259	8.615	11.190	1.782
σ		0.053	0.047	0.210	0.841	0.387	0.152	0.127	0.388	1.513
%RSD		3.703	3.132	9.108	28.640	3.465	12.030	1.474	3.463	84.880
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:44:16	1.824	1.878	1.724	1.866	1.847	-0.002	74%	0.308	0.025
2	03:45:24	1.845	1.814	1.951	1.874	1.983	-0.006	75%	0.278	0.007
3	03:46:32	1.937	2.111	1.819	1.738	1.837	-0.006	74%	0.126	-0.008
X		1.869	1.934	1.831	1.826	1.889	-0.005	75%	0.237	0.008
σ		0.060	0.156	0.114	0.076	0.082	0.002	0%	0.097	0.017
%RSD		3.219	8.084	6.222	4.176	4.321	49.630	0	41.070	210.400
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:44:16	0.013	0.286	0.055	0.046	-0.033	0.001	62.590	63.270	84%
2	03:45:24	-0.036	0.256	0.012	0.021	-0.031	-0.044	60.440	62.940	84%
3	03:46:32	0.043	0.103	-0.002	0.005	0.009	-0.048	61.870	61.110	85%
X		0.006	0.215	0.022	0.024	-0.018	-0.030	61.630	62.440	84%
σ		0.040	0.098	0.030	0.021	0.023	0.027	1.093	1.162	0%
%RSD		632.000	45.540	138.900	87.190	128.400	89.920	1.774	1.861	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	03:44:16	85%	0.016	0.020	0.357	0.323	0.336	83%	7.715	
2	03:45:24	85%	-0.003	-0.005	0.310	0.332	0.315	84%	7.651	
3	03:46:32	84%	-0.011	-0.005	0.329	0.295	0.304	84%	7.728	
X		85%	0.001	0.003	0.332	0.317	0.318	83%	7.698	
σ		0%	0.014	0.014	0.024	0.019	0.016	1%	0.041	
%RSD		0	1948.000	456.600	7.263	6.011	5.061	1	0.535	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:52:13	80%	-0.035	459.400	0.000	173100.000	34760.000	34140.000	34190.000	-0.404
2	03:53:21	80%	-0.047	459.400	0.000	173800.000	34400.000	34210.000	34330.000	-0.507
3	03:54:29	80%	0.013	489.200	0.000	172800.000	34640.000	34330.000	34460.000	-0.337
X		80%	-0.023	469.300	0.000	173200.000	34600.000	34230.000	34330.000	-0.416
σ		0%	0.032	17.240	0.000	505.100	181.000	99.570	133.800	0.086
%RSD		0	138.100	3.672	0.000	0.292	0.523	0.291	0.390	20.630
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:52:13	15170.000	-9.379	0.000	0.000	10250.000	184600.000	186400.000	79%	1.233
2	03:53:21	15200.000	-7.665	0.000	0.000	10190.000	184200.000	189300.000	78%	1.027
3	03:54:29	15190.000	-4.389	0.000	0.000	10230.000	181800.000	185600.000	80%	1.007
X		15190.000	-7.144	0.000	0.000	10220.000	183500.000	187100.000	79%	1.089
σ		18.620	2.536	0.000	0.000	31.710	1532.000	1975.000	1%	0.125
%RSD		0.123	35.490	0.000	0.000	0.310	0.835	1.056	1	11.450
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:52:13	11.810	0.983	263.200	16.570	0.375	20.850	451.800	-0.056	2.231
2	03:53:21	10.960	1.043	282.100	12.410	0.389	20.860	451.700	-0.088	2.532
3	03:54:29	10.730	1.129	284.000	15.020	0.436	20.940	442.500	-0.102	2.420
X		11.160	1.051	276.400	14.670	0.400	20.880	448.700	-0.082	2.394
σ		0.569	0.073	11.490	2.099	0.032	0.049	5.339	0.024	0.152
%RSD		5.100	6.960	4.156	14.310	8.053	0.233	1.190	28.710	6.365
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:52:13	2.011	2.060	2.312	3.414	11.740	1.282	8.399	11.760	0.837
2	03:53:21	1.759	2.133	2.191	4.702	12.180	1.075	8.804	12.200	2.462
3	03:54:29	1.864	1.916	2.628	4.093	12.640	1.213	9.395	12.670	0.109
X		1.878	2.037	2.377	4.070	12.190	1.190	8.866	12.210	1.136
σ		0.127	0.110	0.225	0.644	0.447	0.105	0.501	0.453	1.205
%RSD		6.740	5.407	9.475	15.830	3.668	8.859	5.653	3.708	106.100
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:52:13	1.876	1.976	1.731	2.048	1.836	-0.002	74%	-0.931	-0.020
2	03:53:21	1.965	2.068	1.810	1.697	1.753	-0.006	73%	-0.045	-0.025
3	03:54:29	1.774	2.011	1.719	2.103	1.918	-0.006	74%	0.555	-0.006
X		1.872	2.018	1.753	1.949	1.836	-0.005	73%	-0.140	-0.017
σ		0.096	0.046	0.049	0.220	0.083	0.003	0%	0.748	0.010
%RSD		5.108	2.301	2.815	11.300	4.504	50.220	1	532.800	59.100
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	03:52:13	0.454	-0.949	-0.008	-0.024	-0.003	-0.055	63.080	62.420	83%
2	03:53:21	0.197	-0.066	-0.014	-0.027	-0.039	-0.037	63.820	62.620	82%
3	03:54:29	-0.240	0.532	-0.010	0.005	-0.029	-0.045	62.270	62.300	83%
X		0.137	-0.161	-0.010	-0.015	-0.024	-0.046	63.060	62.440	83%
σ		0.351	0.745	0.003	0.017	0.018	0.009	0.775	0.160	1%
%RSD		255.900	463.100	28.370	114.400	77.030	20.400	1.229	0.256	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	03:52:13	84%	-0.020	-0.014	0.302	0.265	0.278	82%	7.607	
2	03:53:21	84%	-0.012	-0.017	0.263	0.276	0.276	83%	7.561	
3	03:54:29	83%	-0.015	-0.017	0.294	0.256	0.274	82%	7.726	
X		84%	-0.016	-0.016	0.286	0.266	0.276	83%	7.631	
σ		0%	0.004	0.002	0.021	0.010	0.002	0%	0.085	
%RSD		0	25.820	10.630	7.278	3.931	0.706	1	1.118	

C1852-11 MF3T83

04/30/2011 03:59:01 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:00:09	80%	-0.035	638.600	0.000	201800.000	46620.000	46260.000	46360.000	-0.067
2	04:01:18	81%	0.011	620.600	0.000	191600.000	43950.000	43720.000	43790.000	-0.342
3	04:02:26	81%	-0.024	649.800	0.000	201600.000	46940.000	46620.000	46500.000	-0.078
X		81%	-0.016	636.300	0.000	198300.000	45840.000	45530.000	45550.000	-0.162
σ		1%	0.024	14.740	0.000	5838.000	1643.000	1580.000	1525.000	0.156
%RSD		1	146.600	2.317	0.000	2.944	3.586	3.471	3.347	96.100
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:00:09	21560.000	-0.916	0.000	0.000	7541.000	210900.000	228300.000	79%	1.012
2	04:01:18	20180.000	-1.390	0.000	0.000	6887.000	191600.000	206800.000	88%	1.584
3	04:02:26	21800.000	-1.305	0.000	0.000	7572.000	214400.000	231200.000	80%	1.972
X		21180.000	-1.204	0.000	0.000	7334.000	205600.000	222100.000	83%	1.523
σ		874.300	0.253	0.000	0.000	386.800	12280.000	13330.000	5%	0.483
%RSD		4.128	20.970	0.000	0.000	5.275	5.971	6.004	6	31.700
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:00:09	22.950	1.530	270.400	10.950	0.326	14.840	540.400	-0.142	2.492
2	04:01:18	22.850	1.380	254.100	3.843	0.297	10.670	498.400	-0.110	2.203
3	04:02:26	23.070	1.448	285.600	7.357	0.328	14.980	575.200	-0.111	2.584
X		22.960	1.453	270.100	7.383	0.317	13.500	538.000	-0.121	2.426
σ		0.111	0.075	15.750	3.554	0.018	2.451	38.450	0.018	0.199
%RSD		0.482	5.162	5.834	48.130	5.550	18.160	7.147	14.820	8.201
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:00:09	9.088	9.519	43.590	5.837	12.690	1.258	8.977	12.720	6.741
2	04:01:18	8.262	8.620	39.930	5.804	13.430	1.073	9.388	13.570	-2.378
3	04:02:26	9.023	9.412	44.070	4.936	12.160	1.417	10.630	12.200	0.855
X		8.791	9.184	42.530	5.525	12.760	1.250	9.665	12.830	1.739
σ		0.460	0.491	2.261	0.511	0.635	0.172	0.861	0.692	4.623
%RSD		5.229	5.347	5.316	9.248	4.980	13.790	8.912	5.394	265.800
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:00:09	1.239	1.215	1.123	1.294	1.134	0.007	74%	-0.740	-0.014
2	04:01:18	1.176	1.126	1.120	1.649	1.148	0.002	74%	-0.836	-0.024
3	04:02:26	1.277	1.221	1.118	1.147	1.356	-0.006	73%	-1.079	-0.022
X		1.230	1.187	1.120	1.363	1.213	0.001	74%	-0.885	-0.020
σ		0.051	0.053	0.003	0.258	0.125	0.007	0%	0.175	0.005
%RSD		4.140	4.480	0.234	18.930	10.270	842.800	0	19.750	26.400
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:00:09	0.485	-0.757	-0.018	-0.065	0.036	-0.031	45.730	46.730	82%
2	04:01:18	0.534	-0.855	-0.018	-0.063	0.002	-0.024	46.300	46.720	83%
3	04:02:26	0.529	-1.096	-0.016	-0.062	-0.014	-0.013	47.020	47.810	82%
X		0.516	-0.902	-0.017	-0.064	0.008	-0.022	46.350	47.090	83%
σ		0.027	0.175	0.001	0.002	0.026	0.009	0.647	0.625	0%
%RSD		5.318	19.350	7.119	2.397	305.300	41.320	1.395	1.327	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	04:00:09	83%	-0.016	-0.018	0.967	0.836	0.905	80%	6.720	
2	04:01:18	84%	-0.026	-0.017	0.971	0.871	0.942	82%	6.565	
3	04:02:26	83%	-0.020	-0.019	0.938	0.852	0.933	82%	6.699	
X		83%	-0.021	-0.018	0.959	0.853	0.927	81%	6.661	
σ		0%	0.005	0.001	0.018	0.018	0.019	1%	0.084	
%RSD		0	25.810	5.720	1.861	2.053	2.083	1	1.265	

C1852-07X25 MF3T67 04/30/2011 04:06:59 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:08:07	89%	-0.051	51.720	0.000	9920.000	2164.000	2111.000	2117.000	-0.676
2	04:09:15	89%	-0.051	52.540	0.000	9945.000	2151.000	2099.000	2129.000	-0.716
3	04:10:23	90%	-0.084	47.050	0.000	9901.000	2155.000	2124.000	2139.000	-0.786
X		89%	-0.062	50.440	0.000	9922.000	2156.000	2111.000	2128.000	-0.726
σ		0%	0.019	2.960	0.000	22.040	6.872	12.430	10.960	0.056
%RSD		0	30.240	5.869	0.000	0.222	0.319	0.589	0.515	7.665
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:08:07	1087.000	-8.647	0.000	0.000	319.000	11390.000	11850.000	87%	0.006
2	04:09:15	1069.000	-3.368	0.000	0.000	320.900	11450.000	11660.000	88%	0.366
3	04:10:23	1091.000	0.153	0.000	0.000	322.300	11600.000	11890.000	87%	-0.026
X		1082.000	-3.954	0.000	0.000	320.700	11480.000	11800.000	87%	0.115
σ		11.420	4.429	0.000	0.000	1.627	104.800	124.600	1%	0.218
%RSD		1.055	112.000	0.000	0.000	0.507	0.913	1.056	1	188.600
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:08:07	0.755	0.168	62.230	2.134	-0.006	1.017	33.110	-0.014	0.165
2	04:09:15	1.334	0.135	59.140	-0.708	-0.043	0.758	33.230	-0.027	0.161
3	04:10:23	0.864	0.154	58.440	3.026	-0.045	1.229	37.350	-0.031	0.190
X		0.984	0.152	59.940	1.484	-0.031	1.001	34.560	-0.024	0.172
σ		0.308	0.017	2.020	1.950	0.022	0.236	2.415	0.009	0.016
%RSD		31.260	11.080	3.371	131.400	69.050	23.550	6.988	35.490	9.166
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:08:07	-0.042	0.009	-0.035	0.885	1.026	0.146	0.394	1.024	1.494
2	04:09:15	0.047	0.022	0.050	-0.232	0.432	0.344	0.091	0.431	0.357
3	04:10:23	-0.025	0.009	-0.009	0.227	-0.019	0.245	0.402	-0.019	3.401
X		-0.007	0.014	0.002	0.293	0.479	0.245	0.296	0.479	1.751
σ		0.047	0.007	0.044	0.561	0.525	0.099	0.177	0.523	1.538
%RSD		720.000	53.760	2317.000	191.300	109.400	40.260	59.860	109.400	87.870
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:08:07	0.009	-0.017	-0.020	-0.081	0.004	-0.003	85%	-0.735	-0.036
2	04:09:15	0.053	-0.007	-0.035	-0.040	0.000	-0.003	86%	-0.258	-0.042
3	04:10:23	-0.011	-0.017	-0.025	-0.014	0.001	-0.006	85%	0.826	-0.040
X		0.017	-0.014	-0.027	-0.045	0.002	-0.004	86%	-0.056	-0.039
σ		0.033	0.006	0.008	0.034	0.002	0.002	1%	0.800	0.003
%RSD		192.000	41.160	29.010	74.850	139.800	55.080	1	1441.000	6.710
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:08:07	0.404	-0.741	-0.026	-0.050	-0.060	-0.092	2.305	2.131	88%
2	04:09:15	0.103	-0.263	-0.021	-0.024	-0.064	-0.097	2.327	2.105	89%
3	04:10:23	-0.451	0.819	-0.025	0.029	-0.051	-0.097	2.384	1.955	89%
X		0.019	-0.062	-0.024	-0.015	-0.058	-0.095	2.339	2.064	89%
σ		0.434	0.799	0.003	0.040	0.007	0.003	0.041	0.095	0%
%RSD		2322.000	1291.000	10.810	267.200	11.520	3.319	1.751	4.594	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	04:08:07	88%	-0.029	-0.031	-0.000	-0.010	-0.003	89%	0.341	
2	04:09:15	89%	-0.022	-0.029	-0.014	0.001	-0.002	90%	0.320	
3	04:10:23	89%	-0.028	-0.028	-0.009	-0.014	-0.012	90%	0.333	
X		88%	-0.026	-0.029	-0.008	-0.007	-0.005	90%	0.331	
σ		0%	0.004	0.001	0.007	0.008	0.006	0%	0.011	
%RSD		0	13.940	4.428	87.500	103.400	109.700	0	3.175	

C1852-08X25 MF3T68

04/30/2011 04:14:56 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:16:04	88%	-0.018	52.670	0.000	12480.000	1920.000	1875.000	1910.000	0.008
2	04:17:12	92%	-0.031	43.440	0.000	12210.000	1895.000	1834.000	1867.000	-0.125
3	04:18:20	86%	-0.061	47.750	0.000	12890.000	1979.000	1955.000	1975.000	-0.122
X		88%	-0.037	47.950	0.000	12530.000	1931.000	1888.000	1917.000	-0.080
σ		3%	0.022	4.617	0.000	339.700	43.480	61.610	54.180	0.076
%RSD		3	60.460	9.629	0.000	2.712	2.251	3.263	2.825	94.860
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:16:04	819.700	-6.748	0.000	0.000	307.900	9916.000	10160.000	87%	-0.027
2	04:17:12	787.800	-8.983	0.000	0.000	293.300	9691.000	10100.000	88%	-0.094
3	04:18:20	852.400	-6.563	0.000	0.000	326.900	10320.000	10710.000	85%	0.013
X		820.000	-7.432	0.000	0.000	309.300	9976.000	10320.000	87%	-0.036
σ		32.300	1.347	0.000	0.000	16.840	319.000	337.900	2%	0.054
%RSD		3.939	18.120	0.000	0.000	5.445	3.198	3.273	2	148.900
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:16:04	0.823	0.154	49.010	3.663	0.093	3.396	32.410	-0.013	0.206
2	04:17:12	1.248	0.187	46.560	2.141	0.064	2.593	34.060	0.009	0.145
3	04:18:20	0.531	0.195	49.170	4.323	0.087	4.359	34.070	-0.009	0.259
X		0.867	0.178	48.250	3.376	0.081	3.449	33.510	-0.004	0.203
σ		0.361	0.022	1.462	1.119	0.015	0.884	0.959	0.012	0.057
%RSD		41.620	12.110	3.031	33.140	18.950	25.640	2.861	275.800	28.110
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:16:04	0.163	0.252	0.188	0.220	0.399	0.207	0.804	0.398	3.110
2	04:17:12	0.144	0.153	0.210	0.093	0.020	0.248	0.114	0.021	2.352
3	04:18:20	0.189	0.248	0.111	0.086	0.589	0.248	0.556	0.588	0.820
X		0.165	0.218	0.170	0.133	0.336	0.234	0.491	0.336	2.094
σ		0.023	0.056	0.052	0.075	0.289	0.024	0.349	0.289	1.167
%RSD		13.730	25.800	30.660	56.690	86.140	10.160	71.110	85.980	55.720
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:16:04	-0.001	0.051	-0.010	0.062	0.045	-0.003	85%	-0.332	-0.030
2	04:17:12	0.026	0.014	-0.001	-0.039	0.013	0.001	85%	0.430	-0.035
3	04:18:20	0.049	0.038	-0.034	-0.011	0.021	0.001	83%	0.450	-0.038
X		0.025	0.034	-0.015	0.004	0.027	-0.000	84%	0.183	-0.034
σ		0.025	0.019	0.017	0.052	0.017	0.002	1%	0.446	0.004
%RSD		100.800	54.880	114.200	1399.000	62.830	2823.000	2	244.200	12.500
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:16:04	0.142	-0.340	-0.024	-0.035	-0.045	-0.090	1.275	1.256	88%
2	04:17:12	-0.194	0.427	-0.021	0.008	-0.016	-0.081	1.397	1.356	88%
3	04:18:20	-0.259	0.445	-0.024	0.008	-0.060	-0.093	1.441	1.456	85%
X		-0.104	0.177	-0.023	-0.006	-0.040	-0.088	1.371	1.356	87%
σ		0.216	0.448	0.002	0.025	0.023	0.006	0.086	0.100	2%
%RSD		207.500	252.600	8.358	403.800	56.360	6.936	6.299	7.377	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	04:16:04	88%	-0.028	-0.028	-0.003	-0.001	-0.001	89%	0.289	
2	04:17:12	88%	-0.027	-0.029	-0.011	-0.014	-0.010	90%	0.295	
3	04:18:20	86%	-0.027	-0.030	-0.020	0.001	-0.008	88%	0.301	
X		87%	-0.027	-0.029	-0.011	-0.005	-0.007	89%	0.295	
σ		2%	0.001	0.001	0.009	0.009	0.005	1%	0.006	
%RSD		2	2.010	3.950	76.970	185.600	71.240	1	1.891	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:24:02	87%	-0.062	25.030	0.000	7286.000	1429.000	1448.000	1457.000	-0.609
2	04:25:10	89%	-0.051	25.920	0.000	7049.000	1422.000	1442.000	1437.000	-0.677
3	04:26:18	85%	-0.050	26.970	0.000	7313.000	1463.000	1481.000	1480.000	-0.496
X		87%	-0.054	25.970	0.000	7216.000	1438.000	1457.000	1458.000	-0.594
σ		2%	0.006	0.970	0.000	144.800	21.740	21.260	21.420	0.091
%RSD		3	11.850	3.734	0.000	2.007	1.512	1.459	1.469	15.330
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:24:02	625.800	-5.492	0.000	0.000	378.900	7266.000	7573.000	86%	-0.125
2	04:25:10	613.900	-4.358	0.000	0.000	379.100	7361.000	7477.000	86%	-0.025
3	04:26:18	646.100	-5.789	0.000	0.000	381.300	7204.000	7533.000	86%	-0.126
X		628.600	-5.213	0.000	0.000	379.700	7277.000	7527.000	86%	-0.092
σ		16.290	0.755	0.000	0.000	1.317	78.950	48.260	0%	0.058
%RSD		2.592	14.490	0.000	0.000	0.347	1.085	0.641	0	63.100
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:24:02	0.713	0.120	42.570	2.019	-0.028	2.800	21.340	-0.036	0.100
2	04:25:10	-0.018	0.091	43.530	0.334	-0.034	2.810	26.130	-0.029	0.209
3	04:26:18	-0.176	0.098	42.570	1.820	-0.043	2.669	25.350	-0.032	0.184
X		0.173	0.103	42.890	1.391	-0.035	2.759	24.270	-0.032	0.165
σ		0.475	0.015	0.552	0.921	0.008	0.079	2.568	0.004	0.057
%RSD		274.500	14.870	1.287	66.190	21.450	2.853	10.580	11.460	34.630
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:24:02	0.051	0.039	-0.041	0.025	0.069	0.197	0.135	0.069	2.969
2	04:25:10	0.003	0.031	0.048	-0.337	0.066	0.257	0.640	0.066	1.877
3	04:26:18	0.071	0.066	-0.051	0.133	-0.355	0.158	-0.054	-0.353	5.519
X		0.042	0.045	-0.015	-0.059	-0.073	0.204	0.240	-0.073	3.455
σ		0.035	0.019	0.054	0.246	0.244	0.050	0.359	0.243	1.869
%RSD		83.970	40.840	373.600	413.600	333.100	24.430	149.200	334.400	54.100
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:24:02	0.114	0.021	0.015	0.030	0.033	-0.003	84%	0.049	-0.028
2	04:25:10	0.028	0.073	0.010	-0.047	0.036	0.005	85%	-0.001	-0.042
3	04:26:18	0.103	0.020	0.025	-0.013	0.036	-0.006	84%	0.103	-0.030
X		0.081	0.038	0.017	-0.010	0.035	-0.001	84%	0.050	-0.033
σ		0.047	0.030	0.008	0.038	0.002	0.006	0%	0.052	0.008
%RSD		57.710	79.380	45.870	381.900	4.316	424.200	1	103.900	23.010
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:24:02	-0.054	0.044	-0.024	-0.000	-0.046	-0.089	2.387	2.508	86%
2	04:25:10	-0.029	-0.005	-0.026	-0.016	-0.069	-0.095	2.314	2.621	86%
3	04:26:18	0.030	0.100	-0.030	-0.023	-0.064	-0.098	2.641	2.417	86%
X		-0.018	0.046	-0.027	-0.013	-0.060	-0.094	2.447	2.515	86%
σ		0.043	0.052	0.003	0.012	0.012	0.005	0.172	0.102	0%
%RSD		246.000	113.500	10.070	89.260	20.480	4.808	7.026	4.063	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	04:24:02	86%	-0.028	-0.027	-0.027	-0.030	-0.025	89%	0.260	
2	04:25:10	88%	-0.022	-0.027	-0.026	-0.027	-0.017	90%	0.258	
3	04:26:18	87%	-0.029	-0.026	-0.024	-0.030	-0.023	90%	0.273	
X		87%	-0.026	-0.027	-0.026	-0.029	-0.022	89%	0.264	
σ		1%	0.004	0.001	0.001	0.002	0.004	0%	0.008	
%RSD		1	14.010	2.129	5.812	6.567	19.260	1	3.159	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:31:59	89%	-0.073	23.760	0.000	7196.000	1427.000	1443.000	1456.000	-0.477
2	04:33:08	91%	-0.052	21.880	0.000	7082.000	1401.000	1412.000	1426.000	-0.321
3	04:34:15	89%	-0.051	22.010	0.000	7143.000	1429.000	1434.000	1461.000	-0.522
X		90%	-0.059	22.550	0.000	7140.000	1419.000	1430.000	1448.000	-0.440
σ		1%	0.012	1.047	0.000	57.180	15.500	15.560	18.980	0.106
%RSD		1	21.020	4.645	0.000	0.801	1.092	1.088	1.311	23.990
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:31:59	616.800	-3.987	0.000	0.000	376.100	7264.000	7465.000	86%	-0.058
2	04:33:08	610.900	-14.580	0.000	0.000	364.900	7256.000	7496.000	87%	-0.027
3	04:34:15	623.700	-8.125	0.000	0.000	368.300	7171.000	7516.000	87%	-0.060
X		617.100	-8.898	0.000	0.000	369.800	7230.000	7492.000	87%	-0.048
σ		6.428	5.339	0.000	0.000	5.717	51.880	25.670	1%	0.018
%RSD		1.042	60.000	0.000	0.000	1.546	0.718	0.343	1	38.140
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:31:59	1.148	0.086	37.540	3.225	-0.026	3.189	22.690	-0.032	0.177
2	04:33:08	0.220	0.098	38.180	1.287	-0.014	3.393	19.270	-0.029	0.123
3	04:34:15	0.550	0.123	37.570	3.131	-0.037	3.116	24.870	-0.032	0.090
X		0.639	0.102	37.760	2.547	-0.025	3.233	22.280	-0.031	0.130
σ		0.471	0.019	0.360	1.093	0.011	0.143	2.826	0.002	0.044
%RSD		73.630	18.900	0.953	42.900	44.930	4.435	12.680	6.424	33.780
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:31:59	0.095	0.081	0.159	0.460	0.491	0.123	0.286	0.490	-0.353
2	04:33:08	0.110	0.100	0.146	0.174	0.319	0.164	0.827	0.319	3.225
3	04:34:15	0.111	0.115	0.101	0.010	0.109	0.166	0.333	0.109	2.222
X		0.105	0.099	0.135	0.215	0.306	0.151	0.482	0.306	1.698
σ		0.009	0.017	0.030	0.228	0.192	0.024	0.300	0.191	1.845
%RSD		8.192	17.150	22.390	106.000	62.590	15.990	62.130	62.390	108.700
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:31:59	0.028	0.036	0.059	-0.004	0.052	-0.003	84%	1.405	-0.043
2	04:33:08	-0.009	0.015	0.045	0.030	0.046	-0.006	84%	0.784	-0.036
3	04:34:15	0.037	0.015	0.010	-0.030	0.065	0.009	84%	1.080	-0.042
X		0.019	0.022	0.038	-0.002	0.054	-0.000	84%	1.090	-0.040
σ		0.025	0.012	0.025	0.030	0.010	0.008	0%	0.310	0.004
%RSD		132.100	54.940	66.600	1945.000	17.620	10320.000	0	28.490	8.966
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:31:59	-0.749	1.401	-0.030	0.061	-0.044	-0.093	2.263	2.305	86%
2	04:33:08	-0.374	0.779	-0.028	0.021	-0.079	-0.100	2.235	2.451	86%
3	04:34:15	-0.582	1.074	-0.024	0.043	-0.069	-0.097	2.213	2.461	87%
X		-0.568	1.085	-0.027	0.042	-0.064	-0.097	2.237	2.406	87%
σ		0.188	0.311	0.003	0.020	0.018	0.004	0.025	0.087	0%
%RSD		33.110	28.690	9.826	48.790	28.360	3.680	1.112	3.625	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	04:31:59	87%	-0.022	-0.028	-0.017	-0.016	-0.014	89%	0.270	
2	04:33:08	87%	-0.024	-0.027	-0.024	-0.022	-0.017	89%	0.257	
3	04:34:15	87%	-0.028	-0.028	-0.028	-0.019	-0.020	90%	0.258	
X		87%	-0.025	-0.028	-0.023	-0.019	-0.017	89%	0.262	
σ		0%	0.003	0.001	0.005	0.003	0.003	0%	0.007	
%RSD		0	12.650	1.872	23.750	15.050	16.650	0	2.828	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:39:58	87%	-0.040	29.120	0.000	8509.000	2003.000	1954.000	1984.000	-0.646
2	04:41:06	90%	-0.073	28.040	0.000	8399.000	1971.000	1944.000	1954.000	-0.633
3	04:42:14	90%	-0.073	31.280	0.000	8397.000	1993.000	1962.000	1942.000	-0.625
X		89%	-0.062	29.480	0.000	8435.000	1989.000	1954.000	1960.000	-0.635
σ		2%	0.019	1.652	0.000	64.040	16.410	8.806	21.790	0.010
%RSD		2	31.210	5.603	0.000	0.759	0.825	0.451	1.112	1.629
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:39:58	887.000	-6.604	0.000	0.000	270.000	8730.000	9299.000	86%	-0.092
2	04:41:06	876.900	-8.513	0.000	0.000	264.600	8595.000	9242.000	86%	-0.024
3	04:42:14	894.400	-4.591	0.000	0.000	263.700	8980.000	9271.000	87%	0.040
X		886.100	-6.569	0.000	0.000	266.100	8768.000	9271.000	86%	-0.025
σ		8.772	1.962	0.000	0.000	3.408	195.800	28.270	1%	0.066
%RSD		0.990	29.860	0.000	0.000	1.281	2.233	0.305	1	259.700
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:39:58	0.548	0.150	36.710	1.505	-0.054	3.083	29.050	-0.035	0.152
2	04:41:06	1.101	0.185	36.000	0.746	-0.044	3.100	35.690	-0.033	0.083
3	04:42:14	0.749	0.138	36.140	1.058	-0.048	2.578	24.900	-0.032	0.148
X		0.799	0.158	36.280	1.103	-0.049	2.920	29.880	-0.033	0.128
σ		0.280	0.024	0.375	0.382	0.005	0.296	5.443	0.002	0.039
%RSD		35.050	15.260	1.035	34.580	9.822	10.150	18.220	5.218	30.240
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:39:58	0.424	0.357	1.601	-0.123	-0.313	0.207	0.266	-0.312	2.379
2	04:41:06	0.362	0.384	1.695	0.212	-0.143	0.136	0.380	-0.143	2.608
3	04:42:14	0.377	0.386	1.683	-0.199	-0.312	0.210	0.484	-0.311	1.538
X		0.387	0.375	1.660	-0.037	-0.256	0.184	0.376	-0.255	2.175
σ		0.033	0.016	0.051	0.219	0.098	0.042	0.109	0.097	0.564
%RSD		8.425	4.324	3.094	595.000	38.110	22.770	29.030	38.170	25.920
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:39:58	0.058	-0.022	0.011	-0.020	0.011	0.001	83%	0.425	-0.040
2	04:41:06	-0.009	0.010	-0.019	-0.021	0.027	-0.006	84%	1.408	-0.042
3	04:42:14	-0.038	0.025	-0.005	0.004	0.147	-0.006	84%	0.496	-0.042
X		0.004	0.005	-0.004	-0.013	0.062	-0.004	84%	0.776	-0.041
σ		0.049	0.024	0.015	0.014	0.074	0.004	1%	0.548	0.001
%RSD		1381.000	518.400	343.800	111.200	120.500	115.800	1	70.600	2.506
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:39:58	-0.188	0.417	-0.026	0.000	-0.079	-0.102	2.076	1.696	87%
2	04:41:06	-0.751	1.404	-0.023	0.068	-0.061	-0.100	1.968	1.681	86%
3	04:42:14	-0.283	0.490	-0.024	0.018	-0.072	-0.102	1.940	1.767	87%
X		-0.407	0.770	-0.024	0.029	-0.071	-0.101	1.995	1.715	87%
σ		0.301	0.550	0.002	0.035	0.009	0.001	0.071	0.046	1%
%RSD		74.020	71.390	7.135	122.700	12.200	1.017	3.582	2.682	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	04:39:58	87%	-0.018	-0.026	0.016	0.002	0.011	88%	0.227	
2	04:41:06	87%	-0.029	-0.025	-0.002	0.005	0.012	89%	0.223	
3	04:42:14	87%	-0.025	-0.028	0.009	0.002	0.014	90%	0.228	
X		87%	-0.024	-0.026	0.007	0.003	0.013	89%	0.226	
σ		0%	0.005	0.001	0.009	0.001	0.001	1%	0.002	
%RSD		0	22.120	5.541	123.500	45.410	11.020	1	1.084	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:47:55	79%	515.800	489.200	0.000	50920.000	50940.000	51190.000	50940.000	10220.000
2	04:49:03	79%	507.700	487.200	0.000	51300.000	51420.000	51310.000	51390.000	10390.000
3	04:50:11	78%	512.300	500.800	0.000	50890.000	51250.000	50460.000	50650.000	10100.000
X		79%	511.900	492.400	0.000	51040.000	51200.000	50990.000	50990.000	10240.000
σ		0%	4.070	7.342	0.000	229.400	244.400	458.700	376.500	145.300
%RSD		0	0.795	1.491	0.000	0.449	0.477	0.900	0.738	1.419
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:47:55	498.700	9724.000	0.000	0.000	25850.000	53070.000	49770.000	78%	488.900
2	04:49:03	505.500	9890.000	0.000	0.000	26270.000	53350.000	49860.000	76%	508.100
3	04:50:11	498.900	9813.000	0.000	0.000	25900.000	52580.000	49590.000	77%	500.100
X		501.000	9809.000	0.000	0.000	26010.000	53000.000	49740.000	77%	499.100
σ		3.904	82.850	0.000	0.000	230.400	386.300	136.900	1%	9.650
%RSD		0.779	0.845	0.000	0.000	0.886	0.729	0.275	1	1.934
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:47:55	492.100	494.800	31.640	25410.000	990.700	25260.000	25300.000	487.500	489.100
2	04:49:03	500.800	501.000	32.320	26120.000	1023.000	25930.000	25830.000	496.200	497.900
3	04:50:11	492.900	496.700	28.090	25770.000	1003.000	25280.000	25650.000	491.800	492.300
X		495.300	497.500	30.680	25770.000	1005.000	25490.000	25600.000	491.800	493.100
σ		4.773	3.177	2.276	355.800	16.050	381.900	270.100	4.391	4.442
%RSD		0.964	0.639	7.416	1.381	1.596	1.498	1.055	0.893	0.901
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:47:55	989.300	982.200	990.100	490.100	484.400	-0.394	491.300	484.100	6.026
2	04:49:03	1002.000	1010.000	1015.000	501.200	501.000	-1.332	498.500	499.900	2.933
3	04:50:11	996.300	990.100	1003.000	490.600	491.100	-1.400	491.400	490.500	3.564
X		996.000	994.200	1003.000	494.000	492.200	-1.042	493.800	491.500	4.174
σ		6.601	14.400	12.240	6.243	8.321	0.562	4.127	7.916	1.635
%RSD		0.663	1.448	1.221	1.264	1.691	53.930	0.836	1.611	39.160
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:47:55	493.000	486.200	497.900	499.900	495.300	-0.006	74%	500.900	498.900
2	04:49:03	495.200	498.000	499.700	504.300	492.800	0.002	73%	505.000	506.400
3	04:50:11	497.600	494.300	497.600	500.700	492.600	0.002	74%	507.600	499.000
X		495.300	492.800	498.400	501.600	493.600	-0.001	74%	504.500	501.400
σ		2.307	6.059	1.152	2.321	1.530	0.005	0%	3.345	4.311
%RSD		0.466	1.229	0.231	0.463	0.310	813.800	1	0.663	0.860
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:47:55	15.270	500.300	500.900	499.800	497.900	498.100	2502.000	2514.000	80%
2	04:49:03	13.090	504.300	504.900	503.200	501.900	501.800	2509.000	2523.000	80%
3	04:50:11	18.610	506.700	498.000	498.600	497.700	496.900	2530.000	2501.000	81%
X		15.660	503.800	501.300	500.500	499.200	498.900	2514.000	2513.000	80%
σ		2.780	3.217	3.472	2.395	2.392	2.575	14.640	11.110	0%
%RSD		17.760	0.639	0.693	0.478	0.479	0.516	0.582	0.442	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	04:47:55	81%	497.300	498.500	500.800	500.900	499.500	81%	529.200	
2	04:49:03	81%	498.500	498.600	499.000	498.900	500.100	81%	523.900	
3	04:50:11	81%	495.200	497.900	493.100	498.200	498.200	81%	518.300	
X		81%	497.000	498.300	497.600	499.300	499.200	81%	523.800	
σ		0%	1.634	0.397	4.008	1.370	0.973	0%	5.464	
%RSD		0	0.329	0.080	0.805	0.274	0.195	0	1.043	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:55:50	81%	-0.000	8.362	0.000	-22.370	-0.216	-1.117	-0.602	-0.245
2	04:56:58	81%	-0.024	8.554	0.000	-17.080	2.074	2.521	1.574	-0.136
3	04:58:06	81%	0.191	4.398	0.000	-10.400	11.320	10.620	11.200	1.885
X		81%	0.055	7.105	0.000	-16.620	4.394	4.007	4.056	0.501
σ		0%	0.118	2.346	0.000	6.000	6.109	6.007	6.278	1.199
%RSD		0	212.800	33.020	0.000	36.110	139.000	149.900	154.800	239.200
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:55:50	-1.127	-4.330	0.000	0.000	-36.840	7.184	9.666	79%	0.099
2	04:56:58	0.488	-0.397	0.000	0.000	-36.400	5.384	13.570	79%	0.028
3	04:58:06	0.770	2.902	0.000	0.000	-35.050	22.130	23.330	79%	0.026
X		0.043	-0.608	0.000	0.000	-36.100	11.570	15.520	79%	0.051
σ		1.024	3.620	0.000	0.000	0.930	9.193	7.038	0%	0.042
%RSD		2357.000	595.300	0.000	0.000	2.576	79.480	45.350	1	82.380
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:55:50	-0.254	0.039	26.910	1.674	0.007	0.202	7.925	-0.014	0.080
2	04:56:58	0.008	0.107	26.140	5.414	0.015	1.661	11.630	0.018	0.072
3	04:58:06	-0.258	0.171	25.720	5.471	0.203	5.748	13.350	0.109	0.190
X		-0.168	0.106	26.260	4.186	0.075	2.537	10.970	0.037	0.114
σ		0.153	0.066	0.602	2.176	0.111	2.875	2.771	0.064	0.066
%RSD		90.880	62.400	2.291	51.980	147.300	113.300	25.270	170.300	57.870
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:55:50	0.024	0.063	-0.068	-0.311	-0.961	0.169	0.086	-0.958	3.678
2	04:56:58	0.084	0.064	-0.018	-0.351	-0.778	0.161	0.081	-0.774	4.002
3	04:58:06	0.263	0.253	0.471	0.015	-0.594	0.123	-0.343	-0.592	4.343
X		0.124	0.127	0.128	-0.216	-0.778	0.151	-0.059	-0.775	4.008
σ		0.124	0.109	0.298	0.201	0.184	0.025	0.246	0.183	0.333
%RSD		100.500	86.400	232.700	93.020	23.650	16.290	417.700	23.660	8.305
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:55:50	0.170	0.096	0.177	0.122	0.167	-0.002	78%	0.104	-0.006
2	04:56:58	0.088	0.118	0.106	0.085	0.132	-0.006	78%	1.634	0.029
3	04:58:06	0.190	0.141	0.144	0.131	0.181	-0.006	78%	0.262	0.091
X		0.149	0.118	0.142	0.113	0.160	-0.005	78%	0.667	0.038
σ		0.054	0.023	0.035	0.025	0.025	0.002	0%	0.841	0.049
%RSD		36.260	19.200	24.760	21.790	15.800	47.260	0	126.200	128.400
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	04:55:50	-0.082	0.097	0.028	0.011	0.240	0.356	-0.004	-0.043	81%
2	04:56:58	-0.865	1.628	0.037	0.096	0.205	0.244	0.158	0.073	81%
3	04:58:06	-0.100	0.253	0.100	0.153	0.203	0.258	0.678	0.525	82%
X		-0.349	0.659	0.055	0.086	0.216	0.286	0.278	0.185	81%
σ		0.447	0.842	0.039	0.071	0.021	0.061	0.356	0.300	0%
%RSD		128.100	127.700	71.900	82.270	9.633	21.380	128.500	162.300	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	04:55:50	81%	0.023	0.013	-0.007	-0.008	-0.004	84%	0.018	
2	04:56:58	81%	0.028	0.033	0.014	0.020	0.023	85%	0.028	
3	04:58:06	82%	0.102	0.086	0.087	0.077	0.090	85%	0.114	
X		81%	0.051	0.044	0.031	0.030	0.036	85%	0.053	
σ		1%	0.044	0.038	0.049	0.044	0.049	1%	0.053	
%RSD		1	85.940	86.460	157.000	145.700	133.000	1	99.380	

C1852-12 MF3T86

04/30/2011 05:02:38 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:03:46	80%	0.062	841.700	0.000	204300.000	31000.000	31060.000	30810.000	2.208
2	05:04:54	81%	0.060	832.000	0.000	203600.000	31200.000	31160.000	31230.000	0.829
3	05:06:02	82%	0.059	858.100	0.000	205500.000	30970.000	31080.000	31080.000	0.843
X		81%	0.060	843.900	0.000	204500.000	31060.000	31100.000	31040.000	1.294
σ		1%	0.002	13.200	0.000	946.800	121.400	54.020	211.800	0.792
%RSD		1	2.510	1.564	0.000	0.463	0.391	0.174	0.683	61.240
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:03:46	13540.000	-4.184	0.000	0.000	7239.000	134400.000	144900.000	77%	1.466
2	05:04:54	13800.000	-7.934	0.000	0.000	7288.000	134500.000	145800.000	77%	1.394
3	05:06:02	13650.000	-2.620	0.000	0.000	7283.000	137100.000	145100.000	78%	0.666
X		13670.000	-4.913	0.000	0.000	7270.000	135300.000	145300.000	77%	1.175
σ		131.500	2.731	0.000	0.000	26.840	1563.000	455.600	1%	0.443
%RSD		0.962	55.580	0.000	0.000	0.369	1.155	0.314	1	37.680
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:03:46	11.990	2.687	258.100	8.221	0.414	12.550	384.300	0.036	1.334
2	05:04:54	11.110	2.640	267.900	6.611	0.312	10.090	368.700	-0.042	1.157
3	05:06:02	13.300	2.666	267.400	6.172	0.321	9.787	372.500	-0.019	1.127
X		12.130	2.664	264.500	7.001	0.349	10.810	375.100	-0.008	1.206
σ		1.100	0.024	5.510	1.079	0.057	1.516	8.135	0.040	0.112
%RSD		9.068	0.897	2.084	15.410	16.210	14.020	2.168	491.700	9.282
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:03:46	2.480	2.479	4.800	4.885	13.350	0.760	11.420	13.380	0.102
2	05:04:54	2.176	2.580	4.682	2.853	13.530	1.375	12.490	13.530	2.260
3	05:06:02	2.231	2.251	4.781	4.142	13.320	1.171	11.300	13.350	1.097
X		2.296	2.437	4.754	3.960	13.400	1.102	11.740	13.420	1.153
σ		0.162	0.168	0.063	1.028	0.109	0.313	0.655	0.098	1.080
%RSD		7.046	6.912	1.328	25.970	0.814	28.410	5.577	0.730	93.640
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:03:46	2.306	2.242	2.028	2.302	2.268	-0.002	71%	0.289	0.049
2	05:04:54	1.902	2.202	2.317	2.148	2.054	0.002	72%	1.136	0.035
3	05:06:02	2.088	2.357	2.176	2.071	2.020	-0.002	72%	0.300	0.029
X		2.099	2.267	2.174	2.174	2.114	-0.000	72%	0.575	0.038
σ		0.203	0.080	0.145	0.117	0.135	0.003	1%	0.486	0.010
%RSD		9.657	3.548	6.664	5.395	6.367	518.600	1	84.480	26.640
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:03:46	-0.104	0.271	0.099	0.143	0.112	0.171	44.310	44.160	78%
2	05:04:54	-0.603	1.116	0.013	0.131	0.139	0.128	44.500	44.000	80%
3	05:06:02	-0.110	0.280	0.036	0.030	0.113	0.117	43.060	43.330	81%
X		-0.272	0.556	0.049	0.101	0.121	0.139	43.960	43.830	80%
σ		0.287	0.485	0.045	0.062	0.015	0.029	0.785	0.442	1%
%RSD		105.400	87.280	90.420	60.950	12.670	20.780	1.785	1.007	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	05:03:46	80%	0.167	0.140	0.637	0.582	0.616	78%	12.080	
2	05:04:54	81%	0.068	0.087	0.461	0.436	0.475	80%	11.920	
3	05:06:02	81%	0.053	0.051	0.453	0.493	0.472	80%	12.000	
X		80%	0.096	0.093	0.517	0.503	0.521	79%	12.000	
σ		1%	0.062	0.045	0.104	0.074	0.082	1%	0.081	
%RSD		1	64.400	48.090	20.180	14.600	15.810	1	0.671	

C1852-13 MF3T60

04/30/2011 05:10:34 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:11:42	88%	-0.029	1092.000	0.000	404200.000	82190.000	82140.000	82520.000	0.196
2	05:12:50	88%	-0.040	1071.000	0.000	403200.000	81480.000	80720.000	81410.000	-0.618
3	05:13:58	89%	-0.040	1084.000	0.000	397300.000	80960.000	79920.000	79830.000	-1.163
X		88%	-0.036	1083.000	0.000	401600.000	81550.000	80920.000	81250.000	-0.528
σ		1%	0.006	10.730	0.000	3770.000	618.600	1123.000	1356.000	0.684
%RSD		1	17.440	0.991	0.000	0.939	0.759	1.388	1.669	129.500
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:11:42	20000.000	-5.030	0.000	0.000	10660.000	370500.000	381100.000	84%	1.334
2	05:12:50	19580.000	-10.000	0.000	0.000	10390.000	359500.000	371500.000	87%	1.524
3	05:13:58	19350.000	-10.040	0.000	0.000	10330.000	363300.000	373100.000	86%	1.233
X		19640.000	-8.356	0.000	0.000	10460.000	364400.000	375200.000	85%	1.363
σ		328.200	2.881	0.000	0.000	178.800	5593.000	5158.000	1%	0.147
%RSD		1.671	34.470	0.000	0.000	1.709	1.535	1.375	2	10.820
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:11:42	20.510	3.058	248.300	51.830	4.894	67.350	1056.000	0.153	18.230
2	05:12:50	19.120	2.788	248.300	55.110	4.609	65.970	1012.000	0.199	17.430
3	05:13:58	18.880	2.676	255.300	51.460	4.807	65.400	977.600	0.243	18.310
X		19.500	2.841	250.600	52.800	4.770	66.240	1015.000	0.199	17.990
σ		0.875	0.197	4.024	2.007	0.146	1.003	39.260	0.045	0.486
%RSD		4.488	6.926	1.606	3.801	3.058	1.514	3.867	22.760	2.703
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:11:42	2.374	2.561	2.473	6.227	27.660	1.274	22.430	27.980	5.617
2	05:12:50	2.294	2.176	2.707	7.311	29.800	1.068	22.030	30.210	2.061
3	05:13:58	2.252	2.360	2.682	8.269	29.490	1.006	22.780	29.840	0.895
X		2.306	2.366	2.620	7.269	28.990	1.116	22.410	29.340	2.857
σ		0.062	0.193	0.129	1.022	1.156	0.140	0.376	1.195	2.460
%RSD		2.670	8.152	4.904	14.050	3.989	12.550	1.678	4.072	86.090
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:11:42	-7.154	0.996	0.986	1.100	0.983	0.003	69%	0.785	0.003
2	05:12:50	-4.324	1.105	0.971	0.921	0.817	-0.002	70%	0.652	0.000
3	05:13:58	-6.329	1.139	0.974	1.110	0.966	-0.002	71%	1.455	-0.002
X		-5.936	1.080	0.977	1.044	0.922	-0.000	70%	0.964	0.000
σ		1.456	0.075	0.008	0.106	0.092	0.003	1%	0.431	0.002
%RSD		24.520	6.920	0.790	10.190	9.962	721.700	1	44.690	1604.000
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:11:42	-0.285	0.761	0.019	0.018	0.065	0.015	23.010	22.620	79%
2	05:12:50	-0.285	0.626	0.010	0.034	0.102	0.002	21.880	22.180	80%
3	05:13:58	-0.697	1.429	0.024	0.102	0.032	0.005	22.180	22.140	80%
X		-0.422	0.939	0.018	0.051	0.066	0.007	22.360	22.310	80%
σ		0.237	0.430	0.007	0.045	0.035	0.007	0.587	0.267	1%
%RSD		56.250	45.770	40.120	87.220	52.680	97.090	2.627	1.196	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	05:11:42	79%	0.006	0.004	0.389	0.388	0.382	76%	9.736	
2	05:12:50	81%	-0.005	-0.002	0.333	0.330	0.340	77%	9.659	
3	05:13:58	81%	0.003	-0.005	0.345	0.346	0.341	78%	9.423	
X		80%	0.001	-0.001	0.356	0.355	0.355	77%	9.606	
σ		1%	0.006	0.005	0.030	0.030	0.024	1%	0.163	
%RSD		1	396.400	593.300	8.300	8.363	6.782	1	1.698	

C1852-14 MF3T62 04/30/2011 05:18:30 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:19:38	82%	-0.013	839.200	0.000	210700.000	37470.000	37710.000	37610.000	0.423
2	05:20:46	84%	-0.026	821.700	0.000	200800.000	36070.000	35860.000	35810.000	0.301
3	05:21:54	84%	-0.026	828.600	0.000	199600.000	35460.000	35560.000	35720.000	0.257
X		84%	-0.022	829.900	0.000	203700.000	36330.000	36380.000	36380.000	0.327
σ		1%	0.007	8.817	0.000	6078.000	1034.000	1161.000	1065.000	0.086
%RSD		1	34.270	1.062	0.000	2.984	2.845	3.192	2.926	26.310
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:19:38	19870.000	2.566	0.000	0.000	7759.000	190000.000	206600.000	77%	1.774
2	05:20:46	19250.000	2.165	0.000	0.000	7357.000	180700.000	195400.000	79%	1.348
3	05:21:54	18970.000	0.849	0.000	0.000	7417.000	181600.000	195800.000	79%	1.507
X		19360.000	1.860	0.000	0.000	7511.000	184100.000	199300.000	78%	1.543
σ		463.300	0.898	0.000	0.000	216.600	5107.000	6338.000	1%	0.215
%RSD		2.393	48.270	0.000	0.000	2.884	2.774	3.181	2	13.930
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:19:38	30.330	1.063	276.600	1.477	0.284	9.046	527.900	-0.117	2.022
2	05:20:46	25.990	0.966	285.200	-0.457	0.223	6.684	487.900	-0.138	1.762
3	05:21:54	26.310	0.930	290.800	1.787	0.208	7.188	466.100	-0.117	1.791
X		27.540	0.986	284.200	0.936	0.238	7.639	494.000	-0.124	1.859
σ		2.420	0.069	7.161	1.216	0.040	1.244	31.350	0.012	0.142
%RSD		8.784	7.010	2.520	129.900	16.990	16.290	6.347	9.953	7.658
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:19:38	13.520	13.850	13.060	9.011	23.920	0.974	18.890	24.000	1.750
2	05:20:46	12.740	13.730	12.330	6.496	20.080	1.345	16.820	20.150	0.664
3	05:21:54	12.850	13.380	12.940	8.338	20.100	1.053	15.780	20.160	1.450
X		13.030	13.660	12.770	7.948	21.370	1.124	17.160	21.440	1.288
σ		0.423	0.244	0.392	1.302	2.213	0.195	1.585	2.220	0.561
%RSD		3.243	1.787	3.068	16.380	10.360	17.380	9.238	10.360	43.540
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:19:38	1.361	1.468	1.219	1.244	1.461	0.007	70%	1.619	0.023
2	05:20:46	1.223	1.174	1.298	1.246	1.126	0.002	72%	0.959	-0.009
3	05:21:54	1.116	1.362	1.140	1.474	1.203	-0.002	72%	-1.197	-0.005
X		1.233	1.335	1.219	1.321	1.264	0.003	71%	0.460	0.003
σ		0.123	0.149	0.079	0.133	0.176	0.005	1%	1.473	0.017
%RSD		9.945	11.150	6.477	10.030	13.890	179.300	2	319.900	587.200
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:19:38	-0.713	1.595	0.023	0.113	0.100	0.019	32.290	32.470	78%
2	05:20:46	-0.510	0.934	-0.003	0.050	0.083	-0.007	30.580	30.460	82%
3	05:21:54	0.656	-1.214	0.009	-0.060	0.084	-0.017	30.820	30.930	81%
X		-0.189	0.439	0.010	0.034	0.089	-0.002	31.230	31.290	80%
σ		0.739	1.469	0.013	0.087	0.009	0.019	0.928	1.050	2%
%RSD		390.400	334.800	135.700	255.900	10.390	1055.000	2.970	3.357	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	05:19:38	79%	-0.016	-0.012	1.610	1.443	1.554	76%	6.630	
2	05:20:46	82%	-0.019	-0.021	1.474	1.455	1.432	81%	6.215	
3	05:21:54	81%	-0.020	-0.014	1.558	1.427	1.491	80%	6.229	
X		81%	-0.018	-0.016	1.547	1.442	1.492	79%	6.358	
σ		2%	0.002	0.005	0.069	0.014	0.061	2%	0.235	
%RSD		2	12.990	28.990	4.451	0.969	4.083	3	3.705	

C1852-15 MF3T63 04/30/2011 05:26:26 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:27:34	82%	-0.024	810.800	0.000	201900.000	36230.000	35510.000	35500.000	-0.133
2	05:28:42	82%	0.011	827.500	0.000	201200.000	36050.000	35610.000	35760.000	-0.442
3	05:29:51	80%	-0.024	835.300	0.000	202500.000	36000.000	35690.000	35750.000	-0.173
X		81%	-0.012	824.500	0.000	201900.000	36100.000	35600.000	35670.000	-0.250
σ		1%	0.020	12.510	0.000	632.400	120.800	91.790	143.200	0.168
%RSD		1	167.200	1.518	0.000	0.313	0.335	0.258	0.401	67.290
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:27:34	19060.000	5.218	0.000	0.000	7392.000	180300.000	196900.000	77%	1.273
2	05:28:42	19340.000	-5.462	0.000	0.000	7430.000	183500.000	197000.000	76%	1.106
3	05:29:51	19220.000	-1.150	0.000	0.000	7367.000	179600.000	193900.000	77%	1.755
X		19210.000	-0.465	0.000	0.000	7396.000	181100.000	195900.000	77%	1.378
σ		137.400	5.373	0.000	0.000	31.530	2110.000	1754.000	1%	0.337
%RSD		0.716	1156.000	0.000	0.000	0.426	1.165	0.896	1	24.470
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:27:34	24.090	0.842	287.900	-0.288	0.236	6.383	488.500	-0.083	1.860
2	05:28:42	26.330	0.928	300.700	-0.770	0.204	7.388	457.800	-0.126	1.513
3	05:29:51	27.250	0.949	300.700	0.593	0.221	6.273	435.200	-0.161	1.749
X		25.890	0.907	296.400	-0.155	0.220	6.681	460.500	-0.123	1.707
σ		1.626	0.057	7.381	0.692	0.016	0.615	26.730	0.039	0.177
%RSD		6.279	6.245	2.490	445.400	7.186	9.197	5.805	31.810	10.360
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:27:34	3.072	2.872	3.854	6.995	21.500	1.323	18.210	21.550	3.503
2	05:28:42	2.924	3.123	4.118	7.366	17.980	1.319	16.540	18.000	3.583
3	05:29:51	2.717	2.985	3.576	7.791	19.130	1.204	17.440	19.180	3.863
X		2.904	2.993	3.849	7.384	19.540	1.282	17.400	19.570	3.650
σ		0.178	0.125	0.271	0.399	1.795	0.068	0.840	1.809	0.189
%RSD		6.147	4.189	7.034	5.399	9.187	5.277	4.828	9.242	5.185
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:27:34	0.887	1.378	1.264	1.154	1.141	-0.002	71%	0.274	-0.009
2	05:28:42	1.222	1.238	1.191	1.465	1.253	-0.006	71%	0.178	-0.015
3	05:29:51	1.250	1.134	1.083	1.312	1.171	-0.006	71%	-1.444	-0.035
X		1.120	1.250	1.179	1.310	1.188	-0.005	71%	-0.331	-0.020
σ		0.202	0.122	0.091	0.156	0.058	0.003	0%	0.965	0.014
%RSD		18.050	9.785	7.708	11.870	4.866	52.650	0	291.900	71.100
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:27:34	0.105	0.254	-0.007	-0.016	-0.045	-0.022	30.250	30.370	79%
2	05:28:42	-0.112	0.157	-0.011	-0.009	-0.042	-0.026	31.550	30.910	80%
3	05:29:51	0.716	-1.460	-0.009	-0.082	-0.027	-0.041	30.190	30.140	80%
X		0.236	-0.350	-0.009	-0.036	-0.038	-0.030	30.660	30.470	80%
σ		0.429	0.963	0.002	0.040	0.009	0.010	0.767	0.390	0%
%RSD		181.800	275.400	22.920	113.000	24.600	32.930	2.503	1.280	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	05:27:34	80%	-0.019	-0.020	0.456	0.407	0.420	79%	6.130	
2	05:28:42	81%	-0.021	-0.028	0.470	0.398	0.442	80%	6.141	
3	05:29:51	81%	-0.027	-0.027	0.485	0.428	0.467	79%	6.188	
X		81%	-0.022	-0.025	0.470	0.411	0.443	79%	6.153	
σ		0%	0.004	0.004	0.015	0.016	0.023	0%	0.031	
%RSD		0	17.640	17.730	3.124	3.779	5.259	0	0.500	

C1852-16 MF3T65 04/30/2011 05:34:24 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:35:32	86%	-0.039	995.100	0.000	377700.000	96690.000	96710.000	96650.000	-1.736
2	05:36:40	88%	-0.018	971.900	0.000	377200.000	96630.000	96000.000	94910.000	-1.801
3	05:37:48	87%	-0.084	989.200	0.000	373000.000	95150.000	95110.000	94870.000	-1.038
X		87%	-0.047	985.400	0.000	376000.000	96160.000	95940.000	95470.000	-1.525
σ		1%	0.034	12.050	0.000	2580.000	875.400	797.500	1017.000	0.423
%RSD		1	71.530	1.223	0.000	0.686	0.910	0.831	1.065	27.740
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:35:32	19800.000	-15.400	0.000	0.000	9600.000	421400.000	432400.000	86%	1.540
2	05:36:40	19770.000	-16.140	0.000	0.000	9617.000	421000.000	432800.000	86%	1.594
3	05:37:48	19690.000	-12.190	0.000	0.000	9518.000	412900.000	426500.000	88%	1.400
X		19750.000	-14.580	0.000	0.000	9578.000	418400.000	430600.000	87%	1.511
σ		59.690	2.099	0.000	0.000	53.050	4780.000	3493.000	1%	0.100
%RSD		0.302	14.400	0.000	0.000	0.554	1.142	0.811	1	6.633
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:35:32	18.000	0.824	258.200	26.650	4.241	39.780	1115.000	-0.349	3.481
2	05:36:40	17.300	0.882	268.700	24.640	4.334	39.990	1083.000	-0.312	3.512
3	05:37:48	18.090	0.877	265.400	26.230	4.162	38.870	1093.000	-0.300	3.669
X		17.800	0.861	264.100	25.840	4.246	39.550	1097.000	-0.320	3.554
σ		0.432	0.032	5.344	1.056	0.086	0.595	16.390	0.025	0.101
%RSD		2.425	3.746	2.023	4.087	2.028	1.505	1.494	7.863	2.832
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:35:32	4.346	4.614	131.900	6.709	44.060	1.075	35.240	44.680	4.483
2	05:36:40	4.344	4.490	134.300	7.039	44.860	1.082	37.310	45.440	0.171
3	05:37:48	4.374	4.251	132.600	6.797	47.050	1.069	36.390	47.750	2.370
X		4.355	4.452	132.900	6.848	45.330	1.075	36.320	45.950	2.341
σ		0.017	0.185	1.201	0.171	1.549	0.006	1.040	1.597	2.156
%RSD		0.391	4.153	0.903	2.495	3.418	0.595	2.863	3.475	92.080
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:35:32	-2.015	0.901	0.921	0.976	0.910	-0.002	69%	-0.441	-0.018
2	05:36:40	-2.309	0.964	0.799	1.076	0.760	-0.006	70%	-0.147	-0.031
3	05:37:48	-2.616	1.059	0.859	1.238	0.815	-0.006	70%	-0.417	-0.021
X		-2.314	0.974	0.860	1.097	0.828	-0.005	70%	-0.335	-0.023
σ		0.300	0.080	0.061	0.132	0.076	0.003	1%	0.164	0.007
%RSD		12.990	8.181	7.120	12.040	9.160	54.320	1	48.810	29.460
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:35:32	0.205	-0.462	-0.011	-0.035	0.000	-0.053	35.750	38.140	78%
2	05:36:40	0.189	-0.168	0.002	-0.017	-0.032	-0.044	37.720	37.030	80%
3	05:37:48	0.261	-0.439	-0.013	-0.033	-0.020	-0.032	37.210	36.850	80%
X		0.218	-0.356	-0.007	-0.028	-0.017	-0.043	36.890	37.340	79%
σ		0.038	0.163	0.008	0.010	0.016	0.011	1.021	0.700	1%
%RSD		17.190	45.820	107.300	34.150	95.980	25.480	2.769	1.876	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	05:35:32	79%	-0.029	-0.024	0.580	0.581	0.566	76%	9.057	
2	05:36:40	81%	-0.024	-0.026	0.558	0.534	0.541	76%	9.224	
3	05:37:48	81%	-0.025	-0.025	0.546	0.515	0.541	77%	9.016	
X		80%	-0.026	-0.025	0.561	0.543	0.549	76%	9.099	
σ		1%	0.003	0.001	0.017	0.034	0.015	1%	0.110	
%RSD		1	11.980	3.826	3.093	6.210	2.638	1	1.207	

C1852-12X25 MF3T86

04/30/2011 05:42:21 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:43:30	87%	-0.073	56.800	0.000	8649.000	1343.000	1323.000	1333.000	-0.773
2	05:44:38	82%	-0.013	57.930	0.000	9165.000	1439.000	1396.000	1381.000	-0.684
3	05:45:46	85%	-0.061	51.520	0.000	8862.000	1382.000	1345.000	1351.000	-0.631
X		85%	-0.049	55.420	0.000	8892.000	1388.000	1355.000	1355.000	-0.696
σ		2%	0.031	3.425	0.000	259.300	48.520	37.330	24.270	0.072
%RSD		3	64.030	6.180	0.000	2.916	3.495	2.756	1.791	10.320
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:43:30	552.800	-6.148	0.000	0.000	274.200	5814.000	5906.000	84%	-0.159
2	05:44:38	602.400	-3.646	0.000	0.000	301.000	5937.000	6221.000	81%	-0.122
3	05:45:46	572.500	-6.457	0.000	0.000	284.700	5891.000	6080.000	83%	0.017
X		575.900	-5.417	0.000	0.000	286.600	5881.000	6069.000	83%	-0.088
σ		24.990	1.542	0.000	0.000	13.540	62.020	157.800	1%	0.093
%RSD		4.339	28.460	0.000	0.000	4.725	1.055	2.600	2	105.800
Run	Time	51V	52Cr	53Cl O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:43:30	-0.101	0.297	71.750	3.175	-0.017	1.063	13.470	-0.033	0.095
2	05:44:38	0.208	0.253	71.840	5.511	-0.022	2.217	12.150	-0.025	0.057
3	05:45:46	0.637	0.222	67.090	5.771	-0.006	2.060	12.200	-0.041	0.142
X		0.248	0.257	70.230	4.819	-0.015	1.780	12.610	-0.033	0.098
σ		0.371	0.038	2.719	1.430	0.008	0.626	0.746	0.008	0.042
%RSD		149.500	14.700	3.872	29.660	54.900	35.170	5.920	23.300	43.150
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:43:30	0.068	0.076	0.324	-0.202	-0.056	0.408	0.325	-0.056	4.126
2	05:44:38	0.078	0.149	0.280	-0.316	0.084	0.390	0.744	0.084	3.983
3	05:45:46	0.014	0.064	0.210	-0.084	-0.619	0.337	0.657	-0.616	4.255
X		0.053	0.096	0.271	-0.201	-0.197	0.379	0.576	-0.196	4.121
σ		0.034	0.046	0.057	0.116	0.372	0.037	0.221	0.370	0.136
%RSD		64.320	47.590	21.020	57.710	188.700	9.747	38.380	188.900	3.307
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:43:30	0.030	0.038	0.031	0.022	0.053	0.001	83%	-1.138	-0.040
2	05:44:38	0.054	0.030	0.030	0.000	0.060	-0.006	80%	-0.562	-0.040
3	05:45:46	0.050	0.027	0.037	0.006	0.041	-0.006	83%	-1.944	-0.042
X		0.044	0.032	0.032	0.010	0.052	-0.004	82%	-1.215	-0.040
σ		0.013	0.005	0.004	0.011	0.010	0.004	2%	0.694	0.001
%RSD		29.090	16.870	11.420	119.400	19.210	115.800	2	57.140	2.598
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:43:30	0.613	-1.147	-0.030	-0.079	-0.069	-0.091	1.659	1.600	88%
2	05:44:38	0.261	-0.572	-0.026	-0.041	-0.063	-0.085	1.825	1.736	85%
3	05:45:46	0.968	-1.951	-0.024	-0.124	-0.045	-0.089	1.754	1.747	87%
X		0.614	-1.224	-0.027	-0.082	-0.059	-0.088	1.746	1.694	86%
σ		0.353	0.693	0.003	0.042	0.012	0.003	0.083	0.082	1%
%RSD		57.520	56.620	10.280	51.060	20.760	3.692	4.778	4.825	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	05:43:30	88%	-0.031	-0.030	-0.015	-0.010	-0.010	90%	0.428	
2	05:44:38	86%	-0.034	-0.032	0.014	-0.002	-0.000	87%	0.455	
3	05:45:46	87%	-0.030	-0.030	-0.007	-0.002	-0.004	90%	0.451	
X		87%	-0.032	-0.031	-0.002	-0.005	-0.005	89%	0.444	
σ		1%	0.002	0.001	0.015	0.005	0.005	2%	0.015	
%RSD		1	5.975	3.300	617.100	105.800	102.500	2	3.311	

C1852-13X25 MF3T60 04/30/2011 05:50:19 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:51:27	85%	-0.050	64.950	0.000	19650.000	4067.000	3966.000	3972.000	-0.453
2	05:52:36	87%	-0.039	57.690	0.000	18760.000	3885.000	3846.000	3880.000	-0.358
3	05:53:44	85%	-0.027	60.070	0.000	18820.000	3894.000	3834.000	3870.000	-0.484
X		86%	-0.039	60.900	0.000	19080.000	3949.000	3882.000	3907.000	-0.431
σ		1%	0.011	3.700	0.000	495.800	102.300	73.410	56.380	0.066
%RSD		1	28.990	6.076	0.000	2.599	2.590	1.891	1.443	15.190
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:51:27	985.300	-8.849	0.000	0.000	478.800	16390.000	17640.000	82%	-0.017
2	05:52:36	938.500	-5.360	0.000	0.000	459.400	15990.000	17130.000	84%	0.048
3	05:53:44	929.900	-3.043	0.000	0.000	452.100	16210.000	16890.000	85%	0.012
X		951.300	-5.751	0.000	0.000	463.500	16200.000	17220.000	84%	0.014
σ		29.840	2.923	0.000	0.000	13.810	204.000	382.000	1%	0.033
%RSD		3.137	50.820	0.000	0.000	2.980	1.259	2.218	1	224.800
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:51:27	-0.079	0.281	59.600	7.697	0.197	6.126	48.250	-0.022	0.864
2	05:52:36	0.493	0.250	57.120	6.946	0.186	5.334	48.490	-0.027	0.807
3	05:53:44	0.455	0.228	54.980	8.896	0.174	4.642	53.030	-0.024	0.802
X		0.290	0.253	57.240	7.846	0.186	5.367	49.920	-0.024	0.824
σ		0.320	0.027	2.311	0.983	0.011	0.742	2.695	0.003	0.035
%RSD		110.300	10.560	4.037	12.530	6.137	13.830	5.398	12.060	4.215
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:51:27	0.076	0.132	0.160	0.241	1.009	0.232	1.424	1.007	5.249
2	05:52:36	0.051	0.113	0.232	0.542	1.236	0.186	1.023	1.232	-0.516
3	05:53:44	0.060	0.147	0.073	-0.062	0.842	0.299	1.437	0.840	3.423
X		0.062	0.131	0.155	0.240	1.029	0.239	1.294	1.026	2.718
σ		0.013	0.017	0.080	0.302	0.197	0.057	0.235	0.197	2.946
%RSD		20.540	13.320	51.440	125.600	19.190	23.800	18.160	19.170	108.400
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:51:27	-0.036	0.007	0.034	-0.009	0.006	-0.002	80%	-0.412	-0.023
2	05:52:36	0.001	-0.016	-0.029	-0.037	-0.011	0.001	83%	-0.303	-0.028
3	05:53:44	0.001	-0.022	-0.024	-0.038	-0.008	0.001	83%	0.735	-0.038
X		-0.011	-0.010	-0.006	-0.028	-0.004	0.000	82%	0.006	-0.030
σ		0.021	0.015	0.035	0.016	0.009	0.002	2%	0.633	0.008
%RSD		190.800	152.000	570.100	58.900	219.300	3915.000	2	9993.000	25.540
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:51:27	0.184	-0.421	-0.015	-0.040	-0.068	-0.105	0.788	0.757	85%
2	05:52:36	0.127	-0.310	-0.014	-0.033	-0.055	-0.093	0.829	0.835	86%
3	05:53:44	-0.405	0.728	-0.015	0.024	-0.063	-0.088	0.671	0.784	87%
X		-0.031	-0.001	-0.015	-0.016	-0.062	-0.095	0.762	0.792	86%
σ		0.325	0.634	0.001	0.035	0.007	0.009	0.082	0.040	1%
%RSD		1038.000	64320.000	6.546	213.600	10.660	9.574	10.770	5.036	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	05:51:27	85%	-0.024	-0.024	-0.008	-0.020	-0.009	86%	0.343	
2	05:52:36	86%	-0.028	-0.029	-0.009	-0.011	-0.012	88%	0.345	
3	05:53:44	87%	-0.029	-0.030	-0.004	-0.016	-0.011	88%	0.338	
X		86%	-0.027	-0.028	-0.007	-0.016	-0.011	88%	0.342	
σ		1%	0.002	0.003	0.003	0.004	0.001	1%	0.003	
%RSD		1	9.090	12.430	38.350	26.740	13.650	1	1.001	

C1852-14X25 MF3T62 04/30/2011 05:58:18 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:59:26	87%	-0.028	42.650	0.000	8598.000	1572.000	1537.000	1551.000	0.144
2	06:00:34	85%	-0.061	43.510	0.000	8707.000	1599.000	1552.000	1574.000	-0.024
3	06:01:42	85%	-0.004	38.070	0.000	8848.000	1620.000	1595.000	1604.000	0.079
X		86%	-0.031	41.410	0.000	8718.000	1597.000	1561.000	1577.000	0.066
σ		1%	0.029	2.924	0.000	125.400	24.320	30.000	26.790	0.084
%RSD		1	92.110	7.061	0.000	1.439	1.523	1.921	1.699	127.100
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:59:26	811.700	-1.896	0.000	0.000	301.700	7554.000	7978.000	84%	-0.055
2	06:00:34	825.000	-5.291	0.000	0.000	299.700	7610.000	7980.000	83%	-0.054
3	06:01:42	850.400	-0.303	0.000	0.000	307.300	7961.000	8141.000	82%	0.019
X		829.000	-2.496	0.000	0.000	302.900	7708.000	8033.000	83%	-0.030
σ		19.660	2.548	0.000	0.000	3.962	220.300	93.170	1%	0.042
%RSD		2.372	102.100	0.000	0.000	1.308	2.858	1.160	1	140.100
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:59:26	0.540	0.148	50.800	3.358	0.546	3.513	26.970	-0.034	0.122
2	06:00:34	0.309	0.155	50.590	6.938	0.550	3.693	22.820	-0.034	0.211
3	06:01:42	0.832	0.177	50.890	4.740	0.443	4.199	26.870	-0.031	0.180
X		0.560	0.160	50.760	5.012	0.513	3.802	25.550	-0.033	0.171
σ		0.262	0.015	0.157	1.806	0.060	0.356	2.365	0.002	0.045
%RSD		46.790	9.317	0.309	36.020	11.780	9.358	9.254	6.685	26.250
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:59:26	0.743	0.755	2.579	0.067	0.638	0.227	0.666	0.636	1.903
2	06:00:34	0.648	0.780	2.722	0.047	0.206	0.232	0.685	0.206	2.955
3	06:01:42	0.700	0.706	3.010	0.243	-0.228	0.226	0.546	-0.227	5.241
X		0.697	0.747	2.770	0.119	0.205	0.228	0.632	0.205	3.366
σ		0.047	0.038	0.219	0.108	0.433	0.003	0.075	0.432	1.706
%RSD		6.799	5.046	7.910	90.790	210.800	1.410	11.880	210.600	50.690
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:59:26	-0.027	0.039	0.012	0.006	0.045	-0.006	82%	1.640	-0.040
2	06:00:34	-0.007	0.006	0.012	0.050	0.035	-0.006	82%	-0.250	-0.033
3	06:01:42	0.014	0.007	-0.007	-0.027	0.013	-0.002	81%	-0.672	-0.036
X		-0.007	0.017	0.006	0.010	0.031	-0.005	82%	0.239	-0.036
σ		0.020	0.018	0.011	0.039	0.016	0.002	1%	1.231	0.004
%RSD		293.600	106.200	196.000	386.900	52.480	45.120	1	514.300	9.849
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	05:59:26	-0.810	1.633	-0.021	0.082	0.214	-0.089	1.062	1.162	85%
2	06:00:34	0.158	-0.256	-0.015	-0.016	0.217	-0.100	1.276	1.069	85%
3	06:01:42	0.375	-0.679	-0.024	-0.053	0.245	-0.098	1.055	1.194	84%
X		-0.092	0.233	-0.020	0.004	0.225	-0.096	1.131	1.142	85%
σ		0.631	1.231	0.005	0.070	0.017	0.006	0.126	0.065	1%
%RSD		682.700	529.200	22.480	1650.000	7.499	6.046	11.100	5.669	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	05:59:26	86%	-0.024	-0.023	0.058	0.037	0.056	88%	0.230	
2	06:00:34	85%	-0.027	-0.021	0.060	0.058	0.055	87%	0.209	
3	06:01:42	84%	-0.018	-0.022	0.068	0.054	0.063	86%	0.221	
X		85%	-0.023	-0.022	0.062	0.050	0.058	87%	0.220	
σ		1%	0.005	0.001	0.005	0.011	0.004	1%	0.010	
%RSD		1	20.180	4.407	8.765	22.730	7.604	1	4.693	

C1852-15X25 MF3T63 04/30/2011 06:06:16 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:07:25	84%	-0.061	40.090	0.000	8647.000	1577.000	1557.000	1545.000	-0.660
2	06:08:33	87%	-0.062	39.130	0.000	8412.000	1538.000	1494.000	1512.000	-0.655
3	06:09:41	87%	-0.050	37.990	0.000	8486.000	1544.000	1518.000	1509.000	-0.575
X		86%	-0.058	39.070	0.000	8515.000	1553.000	1523.000	1522.000	-0.630
σ		2%	0.006	1.051	0.000	120.600	20.980	31.650	19.840	0.048
%RSD		2	10.860	2.690	0.000	1.416	1.351	2.078	1.303	7.612
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:07:25	823.800	-5.888	0.000	0.000	266.600	7559.000	7789.000	83%	0.050
2	06:08:33	794.700	0.400	0.000	0.000	263.600	7628.000	7694.000	84%	-0.055
3	06:09:41	813.700	-5.546	0.000	0.000	265.100	7390.000	7854.000	83%	-0.053
X		810.700	-3.678	0.000	0.000	265.100	7526.000	7779.000	83%	-0.019
σ		14.760	3.536	0.000	0.000	1.484	122.600	80.390	1%	0.060
%RSD		1.820	96.120	0.000	0.000	0.560	1.628	1.033	1	315.900
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:07:25	0.214	0.112	45.680	1.182	-0.060	2.537	25.740	-0.034	0.019
2	06:08:33	1.213	0.105	43.870	2.046	-0.050	2.029	20.420	-0.028	0.131
3	06:09:41	1.289	0.133	43.970	3.211	-0.052	2.965	28.170	-0.032	0.098
X		0.906	0.117	44.510	2.146	-0.054	2.511	24.780	-0.031	0.083
σ		0.600	0.014	1.015	1.019	0.005	0.469	3.962	0.003	0.058
%RSD		66.240	12.230	2.280	47.460	10.150	18.660	15.990	9.237	69.770
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:07:25	0.088	0.115	0.043	0.103	0.386	0.205	0.751	0.386	1.384
2	06:08:33	0.108	0.077	0.012	-0.183	0.032	0.253	0.163	0.032	0.556
3	06:09:41	0.106	0.071	0.004	0.374	0.857	0.176	0.770	0.853	2.241
X		0.101	0.088	0.020	0.098	0.425	0.211	0.561	0.423	1.394
σ		0.011	0.024	0.021	0.279	0.414	0.039	0.345	0.412	0.843
%RSD		10.470	27.160	104.000	284.100	97.380	18.290	61.540	97.190	60.450
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:07:25	0.033	0.023	0.003	0.008	-0.014	-0.006	81%	-0.183	-0.025
2	06:08:33	0.002	-0.021	-0.023	-0.045	0.045	-0.003	82%	0.397	-0.034
3	06:09:41	0.002	-0.032	-0.044	-0.011	0.015	0.001	83%	-1.114	-0.036
X		0.012	-0.010	-0.021	-0.016	0.015	-0.003	82%	-0.300	-0.032
σ		0.018	0.029	0.023	0.027	0.029	0.004	1%	0.762	0.006
%RSD		147.300	297.000	109.000	167.600	191.500	153.000	1	254.100	18.380
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:07:25	0.066	-0.191	-0.024	-0.020	-0.048	-0.102	1.026	1.096	85%
2	06:08:33	-0.174	0.392	-0.026	-0.001	-0.062	-0.102	1.111	1.105	85%
3	06:09:41	0.541	-1.119	-0.030	-0.078	-0.096	-0.102	1.139	1.121	84%
X		0.144	-0.306	-0.027	-0.033	-0.069	-0.102	1.092	1.107	85%
σ		0.364	0.762	0.003	0.040	0.025	0.000	0.059	0.013	0%
%RSD		252.500	249.100	10.460	122.300	35.970	0.089	5.417	1.133	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	06:07:25	85%	-0.025	-0.026	-0.032	-0.022	-0.025	87%	0.221	
2	06:08:33	85%	-0.029	-0.027	-0.024	-0.030	-0.022	87%	0.221	
3	06:09:41	85%	-0.025	-0.028	-0.026	-0.027	-0.021	87%	0.224	
X		85%	-0.026	-0.027	-0.027	-0.027	-0.023	87%	0.222	
σ		0%	0.002	0.001	0.004	0.004	0.002	0%	0.002	
%RSD		0	7.583	2.665	14.670	15.010	10.080	0	0.920	

C1852-16X25 MF3T65 04/30/2011 06:14:15 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:15:23	84%	-0.038	48.950	0.000	17740.000	4597.000	4522.000	4554.000	-0.339
2	06:16:32	85%	-0.027	49.910	0.000	17350.000	4538.000	4455.000	4526.000	-0.634
3	06:17:40	86%	-0.061	47.130	0.000	17490.000	4521.000	4452.000	4493.000	-0.633
X		85%	-0.042	48.660	0.000	17530.000	4552.000	4477.000	4524.000	-0.535
σ		1%	0.018	1.413	0.000	199.100	40.350	39.680	30.630	0.170
%RSD		1	41.950	2.903	0.000	1.136	0.886	0.886	0.677	31.740
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:15:23	923.200	-7.988	0.000	0.000	404.700	18670.000	19380.000	83%	0.051
2	06:16:32	918.400	-7.640	0.000	0.000	407.100	19060.000	19270.000	83%	-0.158
3	06:17:40	911.600	-8.775	0.000	0.000	404.300	18860.000	19520.000	84%	-0.089
X		917.700	-8.134	0.000	0.000	405.400	18860.000	19390.000	83%	-0.065
σ		5.825	0.582	0.000	0.000	1.487	197.800	129.900	0%	0.107
%RSD		0.635	7.150	0.000	0.000	0.367	1.049	0.670	0	163.600
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:15:23	0.847	0.112	40.860	3.755	0.127	4.231	64.080	-0.048	0.187
2	06:16:32	0.693	0.144	41.120	4.090	0.076	4.664	54.260	-0.048	0.211
3	06:17:40	0.656	0.162	40.650	5.664	0.103	4.487	58.070	-0.046	0.255
X		0.732	0.139	40.880	4.503	0.102	4.461	58.800	-0.047	0.218
σ		0.101	0.025	0.236	1.019	0.025	0.218	4.952	0.001	0.034
%RSD		13.770	18.310	0.578	22.640	24.960	4.876	8.422	1.784	15.830
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:15:23	0.153	0.145	6.223	0.595	1.488	0.095	1.263	1.485	2.108
2	06:16:32	0.158	0.136	5.561	-0.068	1.383	0.205	1.314	1.379	2.305
3	06:17:40	0.179	0.238	5.967	0.011	0.775	0.195	1.269	0.773	5.726
X		0.163	0.173	5.917	0.179	1.215	0.165	1.282	1.212	3.380
σ		0.014	0.056	0.334	0.362	0.385	0.061	0.028	0.384	2.034
%RSD		8.499	32.510	5.647	202.200	31.680	36.690	2.156	31.670	60.190
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:15:23	0.023	0.013	-0.002	-0.027	-0.004	0.006	81%	-0.166	-0.038
2	06:16:32	-0.007	-0.005	-0.033	-0.010	0.012	0.005	82%	0.592	-0.040
3	06:17:40	0.013	0.023	-0.023	-0.045	-0.004	0.001	81%	0.617	-0.043
X		0.010	0.010	-0.019	-0.027	0.001	0.004	81%	0.348	-0.040
σ		0.015	0.014	0.016	0.017	0.009	0.002	1%	0.445	0.003
%RSD		162.600	134.500	81.880	63.170	625.700	55.940	1	128.000	6.838
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:15:23	0.117	-0.174	-0.026	-0.025	-0.050	-0.102	1.514	1.516	84%
2	06:16:32	-0.331	0.585	-0.024	0.016	-0.083	-0.094	1.057	1.342	85%
3	06:17:40	-0.343	0.608	-0.028	0.017	-0.059	-0.102	1.493	1.512	85%
X		-0.186	0.340	-0.026	0.003	-0.064	-0.099	1.355	1.457	85%
σ		0.262	0.445	0.002	0.024	0.017	0.004	0.258	0.099	1%
%RSD		140.900	131.000	6.933	935.400	26.290	4.206	19.060	6.823	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	06:15:23	85%	-0.028	-0.026	-0.022	-0.025	-0.018	86%	0.315	
2	06:16:32	85%	-0.028	-0.026	-0.012	-0.015	-0.009	86%	0.325	
3	06:17:40	85%	-0.028	-0.030	-0.020	-0.017	-0.016	88%	0.298	
X		85%	-0.028	-0.027	-0.018	-0.019	-0.014	87%	0.313	
σ		0%	0.000	0.002	0.006	0.005	0.005	1%	0.014	
%RSD		1	0.333	7.248	31.240	28.770	32.100	1	4.471	

CCV 04/30/2011 06:22:13 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:23:21	75%	512.700	465.000	0.000	50310.000	50880.000	50700.000	50580.000	10150.000
2	06:24:30	75%	510.700	483.100	0.000	50700.000	50710.000	50490.000	50500.000	9981.000
3	06:25:38	73%	526.700	519.300	0.000	52910.000	53590.000	53290.000	53110.000	10670.000
X		74%	516.700	489.100	0.000	51310.000	51730.000	51490.000	51390.000	10270.000
σ		1%	8.738	27.680	0.000	1399.000	1616.000	1561.000	1482.000	356.000
%RSD		1	1.691	5.659	0.000	2.727	3.125	3.032	2.884	3.467
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:23:21	515.000	9816.000	0.000	0.000	25750.000	50700.000	48840.000	76%	494.800
2	06:24:30	488.500	9723.000	0.000	0.000	25570.000	51990.000	48460.000	75%	481.300
3	06:25:38	555.400	10280.000	0.000	0.000	26860.000	55610.000	52090.000	72%	514.800
X		519.600	9941.000	0.000	0.000	26060.000	52770.000	49800.000	74%	497.000
σ		33.690	300.000	0.000	0.000	700.900	2547.000	1993.000	2%	16.850
%RSD		6.483	3.017	0.000	0.000	2.690	4.828	4.003	3	3.390
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:23:21	486.000	485.800	41.470	25380.000	986.300	25320.000	25370.000	484.200	482.300
2	06:24:30	486.400	487.600	34.630	25070.000	982.600	25160.000	25300.000	480.800	481.800
3	06:25:38	511.800	511.900	38.940	26710.000	1041.000	26780.000	26690.000	508.800	508.300
X		494.700	495.100	38.350	25720.000	1003.000	25750.000	25790.000	491.300	490.800
σ		14.760	14.540	3.460	867.900	32.950	890.300	781.300	15.240	15.130
%RSD		2.984	2.936	9.021	3.375	3.284	3.457	3.030	3.101	3.083
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:23:21	976.700	979.500	990.800	490.200	487.200	-0.256	493.200	487.300	5.832
2	06:24:30	967.600	962.400	994.900	488.800	492.000	-1.430	484.900	492.100	3.590
3	06:25:38	1021.000	1015.000	1046.000	511.700	510.900	-1.492	501.400	509.800	2.792
X		988.500	985.700	1011.000	496.900	496.700	-1.059	493.200	496.400	4.071
σ		28.620	26.960	30.810	12.840	12.550	0.697	8.269	11.870	1.576
%RSD		2.896	2.735	3.049	2.584	2.526	65.750	1.677	2.391	38.710
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:23:21	494.300	494.000	490.100	496.300	494.300	-0.002	71%	500.700	506.700
2	06:24:30	494.300	494.100	499.800	500.600	492.600	0.003	71%	510.400	504.000
3	06:25:38	511.900	511.300	512.300	517.600	512.300	0.003	70%	517.000	514.900
X		500.200	499.800	500.700	504.800	499.700	0.001	71%	509.400	508.500
σ		10.190	9.946	11.120	11.290	10.900	0.003	1%	8.175	5.674
%RSD		2.038	1.990	2.221	2.236	2.181	237.600	1	1.605	1.116
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:23:21	19.190	499.800	503.700	501.100	498.200	505.600	2516.000	2527.000	79%
2	06:24:30	12.070	509.200	498.800	500.500	500.900	501.600	2522.000	2517.000	79%
3	06:25:38	14.590	516.100	519.300	519.800	515.600	523.600	2615.000	2621.000	77%
X		15.290	508.400	507.300	507.100	504.900	510.300	2551.000	2555.000	78%
σ		3.610	8.179	10.740	10.980	9.352	11.720	55.610	57.450	1%
%RSD		23.620	1.609	2.116	2.165	1.852	2.297	2.180	2.248	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	06:23:21	79%	491.400	493.900	494.000	494.700	495.200	80%	522.700	
2	06:24:30	79%	498.300	499.900	499.100	497.300	500.800	79%	521.500	
3	06:25:38	77%	506.300	512.300	512.500	515.600	515.100	78%	537.000	
X		78%	498.700	502.000	501.900	502.500	503.700	79%	527.100	
σ		1%	7.448	9.398	9.548	11.420	10.290	1%	8.604	
%RSD		1	1.494	1.872	1.903	2.272	2.044	1	1.632	

CCB 04/30/2011 06:30:10 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:31:18	79%	0.100	7.262	0.000	-5.350	1.709	1.241	2.549	-0.197
2	06:32:26	78%	0.003	8.867	0.000	4.503	4.317	4.457	4.944	0.131
3	06:33:34	80%	0.001	5.706	0.000	-3.117	4.741	4.541	5.197	0.519
X		79%	0.035	7.278	0.000	-1.322	3.589	3.413	4.230	0.151
σ		1%	0.057	1.580	0.000	5.166	1.642	1.881	1.461	0.359
%RSD		2	163.700	21.720	0.000	390.900	45.740	55.120	34.550	237.800
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:31:18	-0.138	-4.922	0.000	0.000	-26.400	-0.154	9.652	77%	0.335
2	06:32:26	-0.547	-3.301	0.000	0.000	-26.540	9.772	15.420	76%	0.534
3	06:33:34	-1.288	6.553	0.000	0.000	-24.060	5.788	15.670	76%	0.150
X		-0.658	-0.557	0.000	0.000	-25.670	5.135	13.580	76%	0.340
σ		0.583	6.210	0.000	0.000	1.394	4.995	3.403	1%	0.192
%RSD		88.620	1116.000	0.000	0.000	5.429	97.270	25.060	1	56.420
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:31:18	-0.233	0.124	29.190	4.509	-0.019	1.932	10.080	0.011	0.105
2	06:32:26	-0.014	0.134	29.440	6.241	0.060	3.134	12.890	0.049	0.040
3	06:33:34	-0.450	0.113	28.380	6.565	0.045	3.910	7.954	0.026	0.098
X		-0.232	0.124	29.000	5.772	0.029	2.992	10.310	0.029	0.081
σ		0.218	0.011	0.554	1.105	0.042	0.996	2.477	0.019	0.036
%RSD		93.760	8.589	1.910	19.150	146.600	33.300	24.030	66.380	43.930
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:31:18	0.021	0.091	-0.030	-0.151	-0.654	0.137	-0.108	-0.652	1.926
2	06:32:26	0.111	0.085	0.034	0.140	-0.609	0.074	0.124	-0.606	3.091
3	06:33:34	0.141	0.164	-0.059	0.095	0.058	0.101	-0.224	0.058	1.620
X		0.091	0.114	-0.018	0.028	-0.402	0.104	-0.069	-0.400	2.212
σ		0.063	0.044	0.047	0.157	0.399	0.032	0.177	0.397	0.776
%RSD		68.700	38.790	259.400	559.200	99.240	30.560	256.300	99.260	35.070
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:31:18	0.147	0.166	0.102	0.167	0.103	-0.006	75%	0.001	0.077
2	06:32:26	0.084	0.083	0.152	0.064	0.132	-0.002	75%	-0.093	0.069
3	06:33:34	0.148	0.131	0.113	0.102	0.103	0.002	75%	0.735	0.036
X		0.126	0.127	0.122	0.111	0.112	-0.002	75%	0.214	0.061
σ		0.037	0.042	0.026	0.053	0.016	0.004	0%	0.453	0.022
%RSD		28.930	32.870	21.380	47.350	14.670	199.000	0	211.300	35.440
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:31:18	0.163	-0.008	0.049	0.008	0.314	0.358	0.144	0.085	79%
2	06:32:26	0.084	-0.102	0.069	0.062	0.240	0.270	0.122	0.199	79%
3	06:33:34	-0.340	0.726	0.055	0.131	0.163	0.192	0.247	0.308	79%
X		-0.031	0.205	0.058	0.067	0.239	0.273	0.171	0.198	79%
σ		0.270	0.453	0.010	0.062	0.075	0.083	0.066	0.111	0%
%RSD		866.900	220.800	17.450	91.850	31.580	30.370	38.830	56.370	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	06:31:18	80%	0.047	0.044	0.026	0.017	0.019	82%	0.037	
2	06:32:26	80%	0.056	0.062	0.044	0.016	0.034	83%	0.048	
3	06:33:34	80%	0.063	0.053	0.035	0.025	0.040	82%	0.052	
X		80%	0.055	0.053	0.035	0.019	0.031	82%	0.046	
σ		0%	0.008	0.009	0.009	0.005	0.011	0%	0.008	
%RSD		0	14.710	17.420	25.740	25.450	34.570	0	16.870	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:39:14	74%	0.124	722.000	0.000	218500.000	38720.000	38420.000	38420.000	3.527
2	06:40:22	76%	0.056	729.900	0.000	219300.000	38720.000	38260.000	38320.000	2.538
3	06:41:30	75%	0.146	738.300	0.000	217800.000	38680.000	38190.000	38230.000	1.866
X		75%	0.109	730.100	0.000	218500.000	38700.000	38290.000	38320.000	2.644
σ		1%	0.047	8.128	0.000	743.100	25.210	118.000	92.680	0.835
%RSD		1	43.600	1.113	0.000	0.340	0.065	0.308	0.242	31.600
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:39:14	25520.000	-1.304	0.000	0.000	5868.000	145900.000	159900.000	74%	1.854
2	06:40:22	25870.000	-0.125	0.000	0.000	5935.000	148900.000	159900.000	74%	2.276
3	06:41:30	25380.000	-4.809	0.000	0.000	5928.000	146600.000	158500.000	75%	2.021
X		25590.000	-2.079	0.000	0.000	5910.000	147100.000	159500.000	74%	2.050
σ		253.900	2.437	0.000	0.000	36.890	1532.000	810.400	0%	0.212
%RSD		0.992	117.200	0.000	0.000	0.624	1.041	0.508	1	10.360
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:39:14	31.310	0.865	250.000	5.926	0.465	13.100	393.900	0.031	1.495
2	06:40:22	30.780	0.986	257.400	4.946	0.338	10.700	389.700	-0.044	1.279
3	06:41:30	30.440	0.949	259.500	2.435	0.295	9.338	387.900	-0.091	1.349
X		30.840	0.933	255.600	4.436	0.366	11.050	390.500	-0.034	1.375
σ		0.443	0.062	5.010	1.800	0.088	1.903	3.080	0.062	0.110
%RSD		1.436	6.646	1.960	40.590	24.160	17.230	0.789	178.700	8.005
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:39:14	4.302	4.504	3.205	6.944	15.120	1.004	12.360	15.170	1.084
2	06:40:22	4.151	3.869	3.153	5.471	14.980	1.315	12.310	15.010	1.676
3	06:41:30	4.071	3.927	2.907	7.083	15.920	1.060	11.740	15.960	2.815
X		4.174	4.100	3.088	6.499	15.340	1.126	12.140	15.380	1.858
σ		0.118	0.351	0.159	0.893	0.507	0.166	0.349	0.508	0.879
%RSD		2.817	8.568	5.152	13.750	3.305	14.730	2.875	3.306	47.330
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:39:14	2.121	2.069	1.963	2.046	1.897	-0.006	67%	-0.703	0.130
2	06:40:22	1.959	1.764	1.828	1.977	1.997	-0.006	68%	-0.116	0.031
3	06:41:30	1.805	1.947	1.794	1.911	1.857	-0.006	69%	-0.415	0.001
X		1.961	1.926	1.861	1.978	1.917	-0.006	68%	-0.411	0.054
σ		0.158	0.154	0.090	0.067	0.072	0.000	1%	0.293	0.068
%RSD		8.052	7.970	4.809	3.403	3.772	0.000	1	71.320	125.100
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:39:14	0.480	-0.723	0.085	0.156	0.346	0.186	35.390	35.890	76%
2	06:40:22	0.108	-0.137	0.069	0.083	0.262	0.116	33.810	34.400	77%
3	06:41:30	0.259	-0.433	0.022	0.092	0.257	0.067	35.390	34.990	76%
X		0.282	-0.431	0.058	0.111	0.288	0.123	34.860	35.090	77%
σ		0.187	0.293	0.033	0.040	0.050	0.060	0.909	0.750	1%
%RSD		66.390	67.990	55.940	35.980	17.380	48.820	2.607	2.137	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	06:39:14	77%	0.173	0.167	0.869	0.767	0.827	75%	7.539	
2	06:40:22	78%	0.111	0.109	0.760	0.751	0.731	77%	7.485	
3	06:41:30	78%	0.063	0.077	0.665	0.600	0.674	77%	7.394	
X		78%	0.116	0.118	0.765	0.706	0.744	76%	7.473	
σ		1%	0.055	0.046	0.102	0.092	0.077	1%	0.073	
%RSD		1	47.520	38.800	13.380	13.050	10.390	1	0.978	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:47:10	76%	0.019	556.000	0.000	204100.000	32450.000	32470.000	32150.000	0.264
2	06:48:18	74%	-0.006	563.500	0.000	203400.000	32860.000	33230.000	32600.000	0.023
3	06:49:26	74%	-0.019	562.600	0.000	202400.000	33070.000	32910.000	32440.000	0.219
X		75%	-0.002	560.700	0.000	203300.000	32790.000	32870.000	32400.000	0.169
σ		1%	0.019	4.109	0.000	843.000	312.900	384.400	230.400	0.128
%RSD		1	947.900	0.733	0.000	0.415	0.954	1.169	0.711	75.940
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:47:10	27510.000	0.875	0.000	0.000	5881.000	173300.000	185400.000	74%	2.092
2	06:48:18	27890.000	6.765	0.000	0.000	5878.000	172900.000	187800.000	73%	2.036
3	06:49:26	28140.000	5.123	0.000	0.000	5825.000	172000.000	186400.000	74%	1.972
X		27850.000	4.254	0.000	0.000	5861.000	172700.000	186500.000	73%	2.033
σ		316.000	3.040	0.000	0.000	31.730	678.900	1220.000	0%	0.060
%RSD		1.135	71.450	0.000	0.000	0.541	0.393	0.654	1	2.960
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:47:10	36.740	25.540	292.400	2.895	0.209	6.486	452.800	-0.034	4.083
2	06:48:18	34.650	25.460	313.700	3.403	0.235	6.663	452.400	-0.050	3.312
3	06:49:26	35.830	25.810	318.200	0.019	0.237	5.550	423.600	-0.025	4.019
X		35.740	25.610	308.100	2.106	0.227	6.233	442.900	-0.036	3.805
σ		1.049	0.181	13.770	1.825	0.016	0.598	16.730	0.013	0.428
%RSD		2.935	0.708	4.471	86.670	6.839	9.592	3.778	35.030	11.240
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:47:10	4.134	3.879	7.807	7.482	15.090	1.384	12.090	15.130	-0.224
2	06:48:18	3.907	4.387	8.166	7.984	15.160	1.382	11.740	15.180	2.612
3	06:49:26	4.227	4.009	7.702	6.752	17.020	1.543	11.110	17.060	4.155
X		4.089	4.092	7.892	7.406	15.760	1.436	11.640	15.790	2.181
σ		0.165	0.264	0.243	0.620	1.093	0.093	0.498	1.100	2.221
%RSD		4.029	6.452	3.081	8.364	6.935	6.456	4.279	6.963	101.900
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:47:10	1.201	1.003	1.091	1.204	1.219	-0.002	68%	-0.368	0.019
2	06:48:18	1.156	1.220	0.934	1.059	1.089	-0.006	68%	0.425	-0.009
3	06:49:26	1.015	1.172	1.139	1.172	1.115	-0.006	68%	-0.971	0.008
X		1.124	1.132	1.054	1.145	1.141	-0.005	68%	-0.304	0.006
σ		0.097	0.114	0.107	0.076	0.069	0.003	0%	0.700	0.014
%RSD		8.647	10.050	10.170	6.651	6.014	56.040	0	230.000	241.400
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:47:10	0.236	-0.388	0.057	0.012	0.034	0.051	46.880	46.500	76%
2	06:48:18	-0.168	0.402	0.014	0.039	0.030	0.044	47.060	46.900	77%
3	06:49:26	0.475	-0.989	0.016	-0.047	0.034	0.021	47.500	48.170	77%
X		0.181	-0.325	0.029	0.001	0.032	0.039	47.150	47.190	77%
σ		0.325	0.698	0.024	0.044	0.002	0.016	0.318	0.871	0%
%RSD		179.300	214.800	85.050	3430.000	6.231	41.190	0.674	1.845	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	06:47:10	78%	0.013	0.008	1.010	0.917	0.971	77%	5.591	
2	06:48:18	78%	0.003	-0.011	0.995	0.823	0.906	77%	5.529	
3	06:49:26	78%	-0.012	-0.001	0.984	0.795	0.890	77%	5.603	
X		78%	0.001	-0.001	0.996	0.845	0.922	77%	5.574	
σ		0%	0.012	0.010	0.013	0.064	0.042	0%	0.040	
%RSD		0	910.500	729.000	1.316	7.580	4.598	0	0.714	

C1852-19 MF3T85

04/30/2011 06:53:59 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:55:07	79%	0.014	1175.000	0.000	272400.000	47150.000	47030.000	46740.000	0.770
2	06:56:15	79%	-0.060	1171.000	0.000	255800.000	44580.000	44490.000	44380.000	0.456
3	06:57:24	79%	-0.035	1221.000	0.000	267500.000	46680.000	46560.000	46490.000	0.497
X		79%	-0.027	1189.000	0.000	265200.000	46140.000	46030.000	45870.000	0.574
σ		0%	0.038	28.100	0.000	8525.000	1371.000	1352.000	1294.000	0.171
%RSD		0	141.600	2.363	0.000	3.214	2.972	2.938	2.822	29.790
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:55:07	26430.000	6.496	0.000	0.000	6680.000	218800.000	237300.000	76%	1.598
2	06:56:15	24880.000	-2.551	0.000	0.000	6102.000	198500.000	212300.000	84%	1.812
3	06:57:24	26290.000	5.435	0.000	0.000	6614.000	216200.000	234300.000	78%	2.052
X		25860.000	3.127	0.000	0.000	6465.000	211200.000	228000.000	79%	1.821
σ		856.200	4.946	0.000	0.000	316.300	11010.000	13670.000	4%	0.227
%RSD		3.310	158.200	0.000	0.000	4.892	5.212	5.999	5	12.470
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:55:07	35.140	1.968	288.800	5.519	0.273	11.010	590.400	0.012	3.153
2	06:56:15	32.660	1.709	273.400	2.154	0.204	7.317	566.900	-0.028	2.845
3	06:57:24	33.280	1.787	300.600	2.961	0.248	11.400	557.900	-0.027	3.240
X		33.690	1.821	287.600	3.545	0.241	9.906	571.700	-0.014	3.079
σ		1.287	0.133	13.630	1.757	0.035	2.251	16.790	0.022	0.208
%RSD		3.821	7.309	4.738	49.560	14.440	22.720	2.936	157.500	6.748
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:55:07	17.650	17.380	15.650	8.840	20.220	1.174	14.830	20.300	1.152
2	06:56:15	16.600	17.160	14.770	7.853	19.200	1.190	13.670	19.430	7.489
3	06:57:24	17.320	18.100	15.180	6.551	17.410	1.571	16.190	17.490	5.581
X		17.190	17.550	15.200	7.748	18.940	1.312	14.900	19.070	4.740
σ		0.534	0.491	0.436	1.148	1.421	0.224	1.263	1.441	3.251
%RSD		3.109	2.796	2.866	14.820	7.500	17.110	8.479	7.553	68.590
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:55:07	1.603	1.830	1.919	1.915	1.863	-0.006	69%	0.164	0.012
2	06:56:15	1.864	1.675	1.637	1.745	1.763	-0.002	69%	0.108	-0.012
3	06:57:24	1.631	1.723	1.857	1.650	1.889	-0.002	70%	-0.889	0.000
X		1.700	1.743	1.804	1.770	1.838	-0.003	69%	-0.206	-0.000
σ		0.143	0.079	0.148	0.134	0.066	0.003	1%	0.592	0.012
%RSD		8.428	4.549	8.205	7.590	3.609	78.140	1	287.700	20560.000
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	06:55:07	-0.035	0.141	0.019	-0.001	0.082	-0.005	47.050	46.470	78%
2	06:56:15	0.060	0.087	-0.000	-0.011	0.089	0.005	47.160	46.040	78%
3	06:57:24	0.569	-0.907	0.012	-0.074	0.103	0.002	46.950	47.200	79%
X		0.198	-0.227	0.011	-0.029	0.091	0.001	47.050	46.570	78%
σ		0.325	0.590	0.010	0.040	0.010	0.005	0.107	0.588	0%
%RSD		163.900	260.600	93.470	138.400	11.420	503.600	0.228	1.262	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	06:55:07	79%	0.017	-0.002	0.774	0.770	0.784	77%	7.776	
2	06:56:15	79%	0.002	-0.004	0.796	0.768	0.798	78%	7.730	
3	06:57:24	79%	-0.006	0.000	0.745	0.740	0.756	77%	7.825	
X		79%	0.004	-0.002	0.772	0.759	0.779	77%	7.777	
σ		0%	0.012	0.002	0.026	0.017	0.021	1%	0.048	
%RSD		0	283.700	113.500	3.328	2.186	2.709	1	0.614	

C1852-20 MF3T72D4 04/30/2011 07:01:56 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:03:04	86%	-0.028	918.900	0.000	392400.000	101600.000	102500.000	101900.000	-4.119
2	07:04:12	85%	-0.072	963.300	0.000	395100.000	103000.000	102400.000	101800.000	-3.783
3	07:05:20	86%	-0.061	960.500	0.000	400400.000	105000.000	104200.000	104000.000	-3.765
X		85%	-0.054	947.600	0.000	396000.000	103200.000	103000.000	102500.000	-3.889
σ		1%	0.023	24.880	0.000	4106.000	1682.000	1029.000	1226.000	0.199
%RSD		1	43.450	2.625	0.000	1.037	1.630	0.999	1.195	5.127
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:03:04	21220.000	-15.140	0.000	0.000	9446.000	432300.000	442900.000	84%	2.069
2	07:04:12	21690.000	-18.370	0.000	0.000	9320.000	433200.000	442100.000	85%	1.559
3	07:05:20	21900.000	-16.560	0.000	0.000	9637.000	448400.000	457400.000	82%	1.689
X		21600.000	-16.690	0.000	0.000	9468.000	438000.000	447500.000	84%	1.772
σ		349.800	1.621	0.000	0.000	159.800	9085.000	8611.000	1%	0.265
%RSD		1.619	9.717	0.000	0.000	1.687	2.074	1.924	2	14.970
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:03:04	26.570	0.824	253.100	1.309	0.163	17.660	1142.000	-0.160	4.167
2	07:04:12	25.660	0.899	263.300	2.890	0.184	16.360	1161.000	-0.193	4.172
3	07:05:20	24.720	1.025	282.200	3.928	0.198	17.760	1209.000	-0.186	4.228
X		25.650	0.916	266.200	2.709	0.181	17.260	1170.000	-0.179	4.189
σ		0.927	0.102	14.810	1.319	0.018	0.780	34.450	0.017	0.034
%RSD		3.616	11.080	5.562	48.690	9.796	4.518	2.944	9.475	0.809
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:03:04	21.940	23.290	37.410	9.305	36.630	0.913	27.040	37.120	1.685
2	07:04:12	22.550	23.270	38.610	6.291	36.080	1.477	26.420	36.580	3.856
3	07:05:20	22.330	24.570	39.250	6.623	36.810	1.546	27.090	37.230	0.204
X		22.270	23.710	38.420	7.406	36.510	1.312	26.850	36.980	1.915
σ		0.310	0.745	0.936	1.653	0.379	0.347	0.373	0.347	1.837
%RSD		1.391	3.143	2.436	22.320	1.039	26.480	1.388	0.940	95.910
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:03:04	-10.290	0.910	0.956	1.015	0.925	-0.002	68%	0.429	0.019
2	07:04:12	-8.082	1.043	0.751	1.016	0.844	-0.006	68%	-0.109	0.001
3	07:05:20	-8.682	1.104	0.770	0.984	0.964	-0.002	68%	-0.379	0.014
X		-9.020	1.019	0.826	1.005	0.911	-0.003	68%	-0.020	0.011
σ		1.144	0.099	0.113	0.018	0.061	0.003	0%	0.411	0.009
%RSD		12.690	9.721	13.680	1.803	6.733	81.620	0	2077.000	79.940
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:03:04	-0.169	0.405	0.018	0.014	0.448	-0.025	54.520	54.370	78%
2	07:04:12	0.175	-0.133	0.007	-0.015	0.451	-0.011	55.350	55.860	79%
3	07:05:20	0.244	-0.403	0.005	0.002	0.525	-0.023	56.130	55.940	78%
X		0.083	-0.044	0.010	0.000	0.475	-0.019	55.330	55.390	78%
σ		0.221	0.411	0.007	0.015	0.043	0.008	0.801	0.885	1%
%RSD		265.800	941.100	71.710	4440.000	9.151	39.150	1.448	1.598	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	07:03:04	79%	-0.015	-0.019	4.598	4.235	4.442	76%	13.690	
2	07:04:12	80%	-0.024	-0.020	4.734	4.420	4.604	75%	13.770	
3	07:05:20	78%	-0.023	-0.024	4.809	4.331	4.569	75%	13.990	
X		79%	-0.021	-0.021	4.714	4.329	4.538	75%	13.820	
σ		1%	0.005	0.002	0.107	0.093	0.085	0%	0.157	
%RSD		1	23.290	11.900	2.266	2.143	1.875	0	1.134	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:11:02	88%	-0.018	55.850	0.000	9323.000	1696.000	1645.000	1690.000	-0.366
2	07:12:11	89%	-0.051	57.210	0.000	9515.000	1718.000	1644.000	1692.000	-0.551
3	07:13:19	89%	-0.062	46.900	0.000	9677.000	1755.000	1694.000	1736.000	-0.293
X		89%	-0.044	53.320	0.000	9505.000	1723.000	1661.000	1706.000	-0.404
σ		1%	0.023	5.600	0.000	177.200	29.830	28.530	25.810	0.133
%RSD		1	52.370	10.500	0.000	1.864	1.732	1.717	1.513	32.920
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:11:02	1067.000	-6.579	0.000	0.000	202.000	6224.000	6540.000	86%	0.076
2	07:12:11	1068.000	-8.717	0.000	0.000	209.300	6479.000	6771.000	85%	0.286
3	07:13:19	1120.000	-5.579	0.000	0.000	209.700	6662.000	6939.000	85%	0.080
X		1085.000	-6.958	0.000	0.000	207.000	6455.000	6750.000	85%	0.147
σ		30.310	1.603	0.000	0.000	4.342	219.700	200.700	1%	0.120
%RSD		2.793	23.040	0.000	0.000	2.098	3.404	2.973	1	81.560
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:11:02	0.422	0.185	65.270	0.066	0.005	0.421	22.160	-0.032	0.152
2	07:12:11	0.266	0.208	62.800	2.586	0.019	1.168	23.460	-0.036	0.129
3	07:13:19	1.832	1.629	59.960	2.453	-0.008	0.916	25.800	-0.040	0.121
X		0.840	0.674	62.670	1.701	0.005	0.835	23.800	-0.036	0.134
σ		0.863	0.827	2.656	1.418	0.014	0.380	1.848	0.004	0.016
%RSD		102.700	122.800	4.239	83.330	264.500	45.500	7.763	10.940	12.220
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:11:02	0.231	0.146	0.300	0.303	0.372	0.284	-0.015	0.373	-1.527
2	07:12:11	0.164	0.225	0.238	0.173	0.157	0.307	-0.101	0.157	-0.250
3	07:13:19	0.162	0.227	0.455	0.644	0.596	0.172	0.654	0.596	-2.780
X		0.185	0.200	0.331	0.373	0.375	0.255	0.179	0.375	-1.519
σ		0.039	0.047	0.112	0.243	0.219	0.072	0.413	0.220	1.265
%RSD		21.090	23.340	33.770	65.080	58.490	28.270	230.500	58.570	83.290
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:11:02	0.069	0.017	0.042	0.050	0.048	-0.006	82%	-0.418	-0.034
2	07:12:11	0.020	0.043	0.021	0.013	0.047	-0.003	84%	-0.337	-0.036
3	07:13:19	0.003	-0.015	0.013	-0.001	0.022	0.001	81%	0.383	-0.033
X		0.031	0.015	0.025	0.021	0.039	-0.003	82%	-0.124	-0.034
σ		0.035	0.029	0.015	0.026	0.014	0.004	1%	0.441	0.002
%RSD		113.000	198.200	60.530	127.200	36.860	156.900	1	355.100	5.496
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:11:02	0.186	-0.424	-0.022	-0.040	-0.067	-0.094	1.337	1.390	85%
2	07:12:11	0.143	-0.341	-0.024	-0.035	-0.076	-0.080	1.249	1.235	85%
3	07:13:19	-0.166	0.376	-0.022	0.026	-0.053	-0.068	1.497	1.481	84%
X		0.054	-0.130	-0.023	-0.016	-0.065	-0.081	1.361	1.368	85%
σ		0.192	0.440	0.001	0.037	0.011	0.013	0.126	0.124	1%
%RSD		352.800	339.000	4.839	228.500	17.500	16.070	9.244	9.086	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	07:11:02	86%	-0.033	-0.033	0.010	-0.003	0.008	87%	0.256	
2	07:12:11	86%	-0.030	-0.029	0.005	0.009	0.012	88%	0.253	
3	07:13:19	84%	-0.025	-0.031	0.010	0.002	0.006	87%	0.271	
X		85%	-0.029	-0.031	0.008	0.003	0.009	87%	0.260	
σ		1%	0.004	0.002	0.003	0.006	0.003	0%	0.010	
%RSD		1	13.610	5.138	34.550	213.800	34.690	1	3.692	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:19:01	90%	-0.030	33.780	0.000	8650.000	1416.000	1391.000	1415.000	-0.087
2	07:20:09	89%	-0.073	38.290	0.000	8742.000	1440.000	1421.000	1412.000	0.075
3	07:21:17	92%	-0.042	34.050	0.000	8461.000	1401.000	1386.000	1393.000	-0.221
X		90%	-0.048	35.370	0.000	8618.000	1419.000	1400.000	1407.000	-0.078
σ		2%	0.022	2.530	0.000	143.000	19.650	18.790	11.730	0.149
%RSD		2	46.040	7.151	0.000	1.660	1.384	1.343	0.834	191.100
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:19:01	1172.000	-5.883	0.000	0.000	191.500	7276.000	7570.000	85%	-0.159
2	07:20:09	1161.000	-6.092	0.000	0.000	186.400	7195.000	7653.000	86%	-0.091
3	07:21:17	1157.000	-11.430	0.000	0.000	188.100	7218.000	7697.000	85%	0.012
X		1163.000	-7.800	0.000	0.000	188.700	7230.000	7640.000	85%	-0.079
σ		7.717	3.141	0.000	0.000	2.613	41.990	64.280	1%	0.086
%RSD		0.663	40.270	0.000	0.000	1.385	0.581	0.841	1	107.900
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:19:01	2.080	1.158	50.280	2.615	-0.022	1.223	28.410	-0.025	0.199
2	07:20:09	1.285	1.165	49.290	0.459	-0.046	1.467	29.260	-0.029	0.231
3	07:21:17	1.240	1.110	48.890	-0.021	-0.071	1.135	28.670	-0.029	0.242
X		1.535	1.144	49.490	1.018	-0.047	1.275	28.780	-0.027	0.224
σ		0.472	0.030	0.719	1.404	0.024	0.172	0.433	0.002	0.022
%RSD		30.770	2.627	1.452	138.000	52.230	13.470	1.503	8.594	9.870
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:19:01	0.179	0.156	0.381	0.330	0.638	0.220	0.497	0.637	1.242
2	07:20:09	0.143	0.261	0.119	0.033	-0.012	0.253	0.161	-0.011	0.876
3	07:21:17	0.221	0.205	0.288	0.150	0.378	0.195	0.122	0.378	1.582
X		0.181	0.207	0.263	0.171	0.334	0.223	0.260	0.335	1.233
σ		0.039	0.053	0.133	0.149	0.327	0.029	0.206	0.327	0.353
%RSD		21.500	25.390	50.660	87.190	97.840	13.010	79.370	97.570	28.610
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:19:01	-0.036	-0.026	-0.008	0.007	0.006	-0.003	82%	0.021	-0.024
2	07:20:09	0.051	-0.021	-0.013	-0.036	-0.007	0.001	81%	0.282	-0.025
3	07:21:17	0.041	-0.026	-0.013	-0.054	-0.001	-0.006	81%	0.868	-0.029
X		0.019	-0.025	-0.011	-0.028	-0.001	-0.003	82%	0.390	-0.026
σ		0.048	0.003	0.003	0.031	0.007	0.004	0%	0.434	0.003
%RSD		257.700	12.770	25.480	112.800	732.400	157.400	0	111.100	10.430
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:19:01	0.076	0.017	-0.024	-0.028	-0.072	-0.091	2.003	1.998	84%
2	07:20:09	-0.173	0.277	-0.019	0.006	-0.040	-0.091	1.759	1.977	84%
3	07:21:17	-0.474	0.863	-0.017	0.046	-0.064	-0.080	1.855	2.003	84%
X		-0.190	0.386	-0.020	0.008	-0.059	-0.087	1.872	1.993	84%
σ		0.276	0.434	0.004	0.037	0.016	0.006	0.123	0.014	0%
%RSD		144.800	112.400	18.960	460.300	27.760	7.364	6.557	0.697	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	07:19:01	85%	-0.025	-0.029	0.014	0.020	0.003	86%	0.208	
2	07:20:09	84%	-0.028	-0.031	0.009	-0.009	0.008	85%	0.211	
3	07:21:17	84%	-0.027	-0.032	-0.007	-0.008	-0.001	86%	0.200	
X		84%	-0.026	-0.030	0.005	0.001	0.003	86%	0.206	
σ		0%	0.001	0.001	0.011	0.016	0.004	0%	0.006	
%RSD		1	4.932	4.149	204.800	1484.000	138.100	0	2.847	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:26:59	89%	0.003	57.240	0.000	11330.000	2022.000	1977.000	2012.000	-0.478
2	07:28:07	89%	-0.062	59.420	0.000	11390.000	2027.000	1993.000	2027.000	-0.486
3	07:29:15	90%	-0.019	63.170	0.000	11380.000	2049.000	2001.000	2005.000	-0.448
X		89%	-0.026	59.940	0.000	11370.000	2032.000	1990.000	2015.000	-0.471
σ		1%	0.033	2.998	0.000	31.580	14.230	11.830	11.650	0.020
%RSD		1	126.400	5.001	0.000	0.278	0.700	0.595	0.578	4.309
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:26:59	1076.000	-3.905	0.000	0.000	219.300	9267.000	9626.000	85%	-0.056
2	07:28:07	1099.000	-9.683	0.000	0.000	220.300	9300.000	9568.000	85%	-0.124
3	07:29:15	1092.000	-1.438	0.000	0.000	218.400	9256.000	9619.000	85%	-0.056
X		1089.000	-5.009	0.000	0.000	219.300	9274.000	9604.000	85%	-0.079
σ		11.550	4.232	0.000	0.000	0.940	23.100	31.570	0%	0.039
%RSD		1.060	84.490	0.000	0.000	0.428	0.249	0.329	0	49.970
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:26:59	0.618	0.126	43.940	2.113	-0.072	1.166	36.600	-0.034	0.173
2	07:28:07	1.227	0.138	42.220	-0.299	-0.053	1.512	34.750	-0.028	0.173
3	07:29:15	0.992	0.106	41.350	3.105	-0.074	1.715	38.430	-0.017	0.156
X		0.945	0.124	42.500	1.640	-0.066	1.464	36.590	-0.026	0.168
σ		0.307	0.016	1.318	1.751	0.012	0.278	1.840	0.009	0.010
%RSD		32.500	13.050	3.101	106.800	17.630	18.970	5.028	32.840	5.921
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:26:59	0.754	0.739	0.588	0.385	-0.010	0.142	0.131	-0.009	1.998
2	07:28:07	0.674	0.746	0.642	0.265	0.249	0.173	0.245	0.250	0.256
3	07:29:15	0.723	0.804	0.634	0.272	0.467	0.164	-0.122	0.467	0.275
X		0.717	0.763	0.621	0.307	0.235	0.160	0.085	0.236	0.843
σ		0.041	0.036	0.029	0.067	0.239	0.016	0.188	0.239	1.001
%RSD		5.660	4.669	4.737	21.940	101.600	10.030	221.900	101.200	118.700
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:26:59	0.013	0.012	0.044	0.008	0.053	-0.002	81%	-0.007	-0.036
2	07:28:07	-0.017	0.034	0.013	-0.019	0.035	-0.003	81%	0.537	-0.036
3	07:29:15	0.032	0.050	-0.003	0.051	0.046	-0.002	81%	0.048	-0.040
X		0.009	0.032	0.018	0.013	0.045	-0.002	81%	0.193	-0.037
σ		0.025	0.019	0.024	0.035	0.009	0.000	0%	0.299	0.002
%RSD		262.300	59.290	132.300	262.600	19.380	0.619	0	155.300	5.573
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:26:59	-0.025	-0.014	-0.024	-0.010	-0.037	-0.089	1.642	1.802	84%
2	07:28:07	-0.304	0.531	-0.019	0.013	-0.033	-0.102	1.988	1.775	84%
3	07:29:15	0.006	0.041	-0.022	-0.020	-0.064	-0.100	2.038	1.643	84%
X		-0.108	0.186	-0.022	-0.006	-0.044	-0.097	1.889	1.740	84%
σ		0.171	0.300	0.003	0.017	0.017	0.007	0.216	0.085	0%
%RSD		158.800	161.200	12.660	297.800	37.960	7.311	11.420	4.902	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	07:26:59	84%	-0.029	-0.029	-0.008	-0.000	-0.001	86%	0.269	
2	07:28:07	84%	-0.030	-0.027	-0.014	-0.009	-0.005	86%	0.269	
3	07:29:15	85%	-0.029	-0.029	-0.006	-0.008	-0.005	87%	0.263	
X		84%	-0.029	-0.028	-0.009	-0.006	-0.003	86%	0.267	
σ		0%	0.001	0.001	0.004	0.005	0.002	0%	0.003	
%RSD		0	2.857	3.113	39.450	86.210	67.620	0	1.206	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:34:58	90%	-0.073	52.000	0.000	18250.000	4790.000	4706.000	4777.000	6.280
2	07:36:06	92%	-0.084	51.980	0.000	18370.000	4799.000	4772.000	4834.000	6.501
3	07:37:14	91%	-0.084	52.800	0.000	18190.000	4815.000	4792.000	4778.000	6.550
X		91%	-0.080	52.260	0.000	18270.000	4801.000	4757.000	4796.000	6.443
σ		1%	0.006	0.466	0.000	91.540	12.760	45.140	32.660	0.144
%RSD		1	7.747	0.892	0.000	0.501	0.266	0.949	0.681	2.235
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:34:58	982.400	-8.581	0.000	0.000	365.500	18990.000	19640.000	86%	0.244
2	07:36:06	999.400	-11.490	0.000	0.000	373.500	19120.000	20200.000	86%	0.146
3	07:37:14	991.300	-6.081	0.000	0.000	370.200	18930.000	19790.000	86%	-0.092
X		991.000	-8.718	0.000	0.000	369.700	19010.000	19870.000	86%	0.099
σ		8.522	2.708	0.000	0.000	4.006	94.460	290.000	0%	0.173
%RSD		0.860	31.060	0.000	0.000	1.084	0.497	1.459	0	173.800
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:34:58	0.850	0.104	37.770	1.229	-0.076	1.656	63.290	-0.018	0.212
2	07:36:06	1.112	0.056	36.460	2.245	-0.051	1.888	64.280	-0.026	0.264
3	07:37:14	0.342	0.128	37.570	-0.746	-0.073	1.523	67.250	-0.035	0.245
X		0.768	0.096	37.270	0.909	-0.067	1.689	64.940	-0.026	0.240
σ		0.391	0.037	0.710	1.521	0.013	0.185	2.061	0.008	0.026
%RSD		50.960	38.250	1.904	167.300	19.890	10.930	3.174	32.070	10.900
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:34:58	1.096	0.983	1.510	0.061	1.275	0.156	0.383	1.275	1.171
2	07:36:06	1.048	1.082	1.709	0.238	1.864	0.151	0.315	1.860	-0.251
3	07:37:14	1.164	1.032	1.697	0.089	1.001	0.171	1.030	0.999	1.323
X		1.102	1.032	1.639	0.130	1.380	0.159	0.576	1.378	0.748
σ		0.058	0.049	0.112	0.095	0.441	0.011	0.395	0.440	0.868
%RSD		5.292	4.768	6.815	73.570	31.940	6.713	68.520	31.890	116.100
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:34:58	0.002	-0.010	-0.028	-0.080	-0.004	-0.006	82%	-0.565	-0.034
2	07:36:06	0.020	-0.038	0.001	0.022	0.005	-0.003	83%	0.836	-0.028
3	07:37:14	-0.009	-0.000	-0.029	-0.063	-0.015	-0.006	84%	0.384	-0.040
X		0.004	-0.016	-0.019	-0.040	-0.005	-0.005	83%	0.218	-0.034
σ		0.015	0.019	0.017	0.055	0.010	0.002	1%	0.715	0.006
%RSD		340.400	119.600	91.630	136.300	209.000	43.390	1	327.700	18.200
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:34:58	0.261	-0.571	-0.024	-0.048	-0.064	-0.109	2.305	2.169	84%
2	07:36:06	-0.399	0.830	-0.028	0.030	-0.055	-0.098	2.160	2.088	86%
3	07:37:14	-0.227	0.381	-0.019	0.005	-0.048	-0.084	2.187	2.038	85%
X		-0.122	0.214	-0.024	-0.004	-0.056	-0.097	2.217	2.098	85%
σ		0.342	0.715	0.004	0.040	0.008	0.013	0.077	0.066	1%
%RSD		280.700	335.100	18.720	968.700	14.420	13.000	3.470	3.144	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	07:34:58	85%	-0.027	-0.027	0.161	0.149	0.142	86%	0.504	
2	07:36:06	85%	-0.029	-0.029	0.141	0.124	0.143	87%	0.490	
3	07:37:14	85%	-0.030	-0.028	0.140	0.143	0.145	88%	0.483	
X		85%	-0.029	-0.028	0.147	0.139	0.143	87%	0.492	
σ		0%	0.002	0.001	0.012	0.013	0.002	1%	0.011	
%RSD		0	5.589	3.044	8.208	9.719	1.097	1	2.166	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:42:57	94%	-0.084	4.149	0.000	-8.502	6.574	5.572	6.336	-1.075
2	07:44:05	93%	-0.032	5.899	0.000	-16.030	5.650	7.212	7.090	-1.083
3	07:45:13	93%	-0.042	2.849	0.000	-32.210	2.878	3.524	2.506	-0.999
X		93%	-0.052	4.299	0.000	-18.910	5.034	5.436	5.311	-1.052
σ		1%	0.028	1.530	0.000	12.110	1.923	1.848	2.458	0.046
%RSD		1	52.650	35.600	0.000	64.050	38.200	33.990	46.280	4.381
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:42:57	1.049	-5.568	0.000	0.000	-64.460	34.460	46.160	88%	-0.127
2	07:44:05	0.483	-3.140	0.000	0.000	-62.900	31.270	41.800	88%	-0.127
3	07:45:13	-1.529	-9.328	0.000	0.000	-62.600	11.070	26.690	87%	0.040
X		0.001	-6.012	0.000	0.000	-63.320	25.600	38.220	88%	-0.071
σ		1.355	3.118	0.000	0.000	0.999	12.680	10.220	1%	0.096
%RSD		119200.000	51.860	0.000	0.000	1.578	49.550	26.740	1	134.500
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:42:57	-0.574	-0.003	23.610	2.301	-0.065	3.254	5.290	-0.031	0.012
2	07:44:05	-0.658	-0.022	23.220	0.623	-0.097	3.725	7.221	-0.033	0.096
3	07:45:13	-0.574	0.011	22.040	2.291	-0.080	3.447	7.426	-0.032	0.047
X		-0.602	-0.005	22.960	1.738	-0.081	3.475	6.646	-0.032	0.052
σ		0.048	0.016	0.821	0.966	0.016	0.237	1.178	0.001	0.042
%RSD		8.054	358.500	3.576	55.560	19.770	6.810	17.730	3.167	81.500
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:42:57	-0.019	-0.040	-0.153	0.142	-0.311	0.065	-0.135	-0.310	0.793
2	07:44:05	-0.019	0.023	-0.188	-0.007	-0.520	0.088	-0.461	-0.518	1.479
3	07:45:13	-0.032	0.002	-0.161	-0.182	0.148	0.108	0.189	0.148	0.826
X		-0.023	-0.005	-0.168	-0.016	-0.228	0.087	-0.136	-0.227	1.033
σ		0.007	0.032	0.018	0.162	0.342	0.021	0.325	0.341	0.387
%RSD		32.250	666.000	11.000	1037.000	150.100	24.450	239.700	150.300	37.470
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:42:57	-0.038	-0.028	-0.044	-0.056	-0.037	-0.006	85%	0.230	-0.042
2	07:44:05	-0.066	-0.054	-0.059	-0.047	-0.040	-0.003	85%	0.323	-0.042
3	07:45:13	-0.029	-0.043	-0.049	-0.081	-0.037	-0.003	85%	0.223	-0.042
X		-0.044	-0.041	-0.051	-0.061	-0.038	-0.004	85%	0.258	-0.042
σ		0.019	0.013	0.007	0.017	0.002	0.002	0%	0.056	0.000
%RSD		43.550	31.800	14.640	28.570	4.766	55.820	0	21.760	0.008
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:42:57	-0.148	0.227	-0.021	0.003	-0.072	-0.097	-0.104	-0.090	86%
2	07:44:05	-0.196	0.321	-0.028	0.002	-0.044	-0.102	-0.094	-0.124	86%
3	07:45:13	-0.145	0.221	-0.026	-0.004	-0.080	-0.102	-0.124	-0.113	86%
X		-0.163	0.256	-0.025	0.000	-0.065	-0.100	-0.107	-0.109	86%
σ		0.029	0.056	0.004	0.004	0.019	0.003	0.015	0.017	0%
%RSD		17.490	21.730	14.530	739.500	28.550	3.067	14.430	16.070	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	07:42:57	86%	-0.021	-0.027	-0.036	-0.043	-0.036	88%	-0.023	
2	07:44:05	86%	-0.024	-0.024	-0.035	-0.042	-0.037	89%	-0.022	
3	07:45:13	86%	-0.026	-0.027	-0.049	-0.046	-0.042	89%	-0.023	
X		86%	-0.024	-0.026	-0.040	-0.044	-0.038	89%	-0.023	
σ		0%	0.003	0.002	0.008	0.002	0.003	0%	0.001	
%RSD		0	11.140	6.180	19.260	3.942	8.102	0	3.859	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb								
1	07:50:57	91%	19.700	26.740	0.000	266.900	198.100	197.200	202.200	199.700
2	07:52:05	88%	20.180	25.320	0.000	271.600	198.500	190.900	200.300	205.200
3	07:53:13	86%	18.930	33.180	0.000	263.300	197.400	201.300	199.500	201.100
X		88%	19.600	28.410	0.000	267.300	198.000	196.500	200.700	202.000
σ		2%	0.628	4.189	0.000	4.185	0.559	5.260	1.373	2.824
%RSD		3	3.205	14.740	0.000	1.566	0.282	2.677	0.684	1.398
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb								
1	07:50:57	91.460	544.400	0.000	0.000	899.200	136.500	128.500	83%	20.310
2	07:52:05	87.400	557.500	0.000	0.000	910.900	117.900	130.600	82%	20.110
3	07:53:13	90.760	532.500	0.000	0.000	910.800	92.320	113.900	80%	19.790
X		89.870	544.800	0.000	0.000	907.000	115.600	124.300	82%	20.070
σ		2.168	12.520	0.000	0.000	6.704	22.200	9.086	2%	0.261
%RSD		2.413	2.298	0.000	0.000	0.739	19.210	7.308	2	1.302
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb								
1	07:50:57	28.180	37.980	22.080	287.700	19.430	289.500	294.200	19.540	49.060
2	07:52:05	28.450	37.630	21.700	299.200	19.460	292.400	301.100	19.680	49.520
3	07:53:13	29.450	38.060	21.980	290.800	19.380	291.500	290.800	19.140	48.610
X		28.690	37.890	21.920	292.600	19.420	291.100	295.400	19.450	49.060
σ		0.672	0.229	0.199	5.964	0.041	1.487	5.259	0.281	0.455
%RSD		2.344	0.604	0.907	2.039	0.211	0.511	1.780	1.444	0.927
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb								
1	07:50:57	29.580	30.460	19.310	77.090	190.900	-0.372	188.400	190.600	4.157
2	07:52:05	30.100	29.490	19.770	77.930	188.900	-0.469	187.900	188.400	4.696
3	07:53:13	30.020	29.210	19.540	76.990	189.400	-0.342	189.200	188.800	1.416
X		29.900	29.720	19.540	77.340	189.700	-0.394	188.500	189.300	3.423
σ		0.280	0.656	0.229	0.514	1.032	0.066	0.640	1.153	1.759
%RSD		0.937	2.206	1.173	0.665	0.544	16.840	0.340	0.609	51.390
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb								
1	07:50:57	36.580	37.520	36.350	37.300	37.510	0.002	80%	20.670	7.169
2	07:52:05	37.570	37.200	37.120	37.450	36.850	-0.006	80%	21.080	7.348
3	07:53:13	36.740	36.420	36.050	35.820	36.650	0.002	78%	18.950	7.310
X		36.960	37.050	36.500	36.860	37.000	-0.001	80%	20.230	7.276
σ		0.533	0.565	0.553	0.903	0.450	0.005	1%	1.134	0.095
%RSD		1.441	1.526	1.516	2.450	1.216	447.000	1	5.602	1.299
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb								
1	07:50:57	0.548	20.680	7.463	19.240	65.660	74.280	19.410	19.630	82%
2	07:52:05	0.202	21.100	7.315	19.160	65.910	73.960	19.220	18.960	81%
3	07:53:13	0.118	18.950	7.414	19.280	65.540	74.230	19.470	19.470	81%
X		0.289	20.240	7.397	19.230	65.700	74.160	19.370	19.350	81%
σ		0.228	1.139	0.075	0.059	0.191	0.172	0.126	0.349	1%
%RSD		78.840	5.626	1.015	0.308	0.291	0.231	0.651	1.806	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb								
1	07:50:57	82%	192.300	192.600	97.270	96.570	97.020	86%	-0.022	
2	07:52:05	82%	195.200	195.000	97.670	97.460	97.310	84%	-0.022	
3	07:53:13	81%	194.600	194.400	97.050	97.490	97.200	84%	-0.022	
X		82%	194.000	194.000	97.330	97.170	97.170	85%	-0.022	
σ		0%	1.504	1.237	0.317	0.519	0.146	1%	0.000	
%RSD		0	0.775	0.638	0.325	0.534	0.150	1	0.370	

CCV 04/30/2011 07:57:47 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:55	80%	498.600	493.800	0.000	50140.000	50260.000	49640.000	50430.000	10160.000
2	08:00:03	79%	506.600	493.700	0.000	49950.000	49770.000	49530.000	49710.000	9917.000
3	08:01:11	78%	518.700	503.900	0.000	50820.000	50460.000	50160.000	50400.000	10120.000
X		79%	508.000	497.100	0.000	50300.000	50170.000	49780.000	50180.000	10060.000
σ		1%	10.130	5.887	0.000	454.300	352.700	337.200	409.600	129.700
%RSD		1	1.995	1.184	0.000	0.903	0.703	0.677	0.816	1.289
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:55	495.400	9774.000	0.000	0.000	25710.000	51980.000	49390.000	75%	488.700
2	08:00:03	497.100	9642.000	0.000	0.000	25140.000	50440.000	48530.000	76%	492.500
3	08:01:11	496.200	9779.000	0.000	0.000	25510.000	51880.000	49200.000	75%	490.400
X		496.200	9732.000	0.000	0.000	25460.000	51440.000	49040.000	75%	490.500
σ		0.892	77.650	0.000	0.000	290.200	860.900	454.200	1%	1.896
%RSD		0.180	0.798	0.000	0.000	1.140	1.674	0.926	1	0.387
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:55	489.000	495.800	26.020	25610.000	994.100	25320.000	25510.000	483.200	484.500
2	08:00:03	485.400	487.000	26.140	25190.000	986.300	25020.000	25210.000	483.400	485.900
3	08:01:11	490.400	489.400	25.100	25420.000	991.900	25330.000	25610.000	487.600	490.300
X		488.300	490.700	25.750	25410.000	990.700	25220.000	25440.000	484.700	486.900
σ		2.607	4.527	0.570	206.800	4.024	176.000	207.200	2.501	3.015
%RSD		0.534	0.922	2.215	0.814	0.406	0.698	0.814	0.516	0.619
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:55	982.500	979.400	988.100	498.500	493.500	-2.023	484.400	492.500	3.120
2	08:00:03	975.700	977.500	978.600	481.900	480.900	-0.342	490.000	480.900	5.009
3	08:01:11	994.600	983.800	986.300	492.700	490.600	-1.756	483.500	490.200	1.599
X		984.300	980.200	984.300	491.000	488.300	-1.374	486.000	487.800	3.243
σ		9.611	3.222	5.060	8.462	6.579	0.904	3.489	6.159	1.708
%RSD		0.977	0.329	0.514	1.723	1.347	65.780	0.718	1.263	52.690
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:55	488.200	485.100	486.500	487.400	482.500	0.007	72%	490.700	493.000
2	08:00:03	489.800	492.500	492.700	492.200	489.300	0.003	72%	493.500	494.300
3	08:01:11	490.200	488.000	494.800	493.100	491.000	0.016	72%	505.000	497.800
X		489.400	488.500	491.300	490.900	487.600	0.008	72%	496.400	495.000
σ		1.060	3.722	4.329	3.055	4.503	0.007	0%	7.583	2.451
%RSD		0.217	0.762	0.881	0.623	0.923	80.980	0	1.528	0.495
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	07:58:55	12.830	490.200	491.900	490.900	491.600	493.300	2488.000	2508.000	78%
2	08:00:03	14.050	492.800	495.600	491.500	495.800	494.400	2480.000	2485.000	78%
3	08:01:11	2.704	504.300	497.300	495.800	496.100	496.000	2451.000	2464.000	78%
X		9.862	495.800	494.900	492.700	494.500	494.600	2473.000	2486.000	78%
σ		6.229	7.489	2.784	2.637	2.552	1.370	19.820	22.290	0%
%RSD		63.160	1.511	0.563	0.535	0.516	0.277	0.801	0.897	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	07:58:55	79%	492.200	494.000	492.400	489.900	492.700	79%	517.500	
2	08:00:03	78%	488.800	496.400	495.800	492.600	494.800	79%	519.500	
3	08:01:11	79%	487.400	491.800	491.000	495.200	493.000	80%	515.700	
X		79%	489.500	494.000	493.100	492.600	493.500	79%	517.600	
σ		0%	2.496	2.293	2.448	2.657	1.098	0%	1.916	
%RSD		0	0.510	0.464	0.496	0.539	0.223	0	0.370	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:51	83%	0.138	8.131	0.000	-0.610	22.690	21.930	21.290	4.205
2	08:07:59	82%	0.199	7.755	0.000	-3.390	22.070	21.230	22.090	4.246
3	08:09:07	82%	0.116	5.477	0.000	-21.880	12.370	13.830	13.300	2.165
X		83%	0.151	7.121	0.000	-8.628	19.050	19.000	18.890	3.538
σ		1%	0.043	1.436	0.000	11.560	5.788	4.485	4.863	1.190
%RSD		1	28.690	20.170	0.000	134.000	30.390	23.610	25.740	33.630
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:51	-0.962	0.793	0.000	0.000	-37.090	22.490	28.000	78%	0.251
2	08:07:59	-0.819	-1.688	0.000	0.000	-38.620	18.860	29.390	78%	0.476
3	08:09:07	-1.028	0.155	0.000	0.000	-49.470	3.456	21.620	79%	0.248
X		-0.936	-0.247	0.000	0.000	-41.730	14.940	26.340	78%	0.325
σ		0.107	1.289	0.000	0.000	6.751	10.110	4.140	1%	0.131
%RSD		11.390	522.200	0.000	0.000	16.180	67.670	15.720	1	40.390
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:51	0.486	0.216	18.860	11.380	0.391	10.220	26.050	0.209	0.288
2	08:07:59	-0.353	0.199	19.070	12.660	0.393	10.520	22.740	0.201	0.159
3	08:09:07	-0.071	0.135	18.100	10.030	0.179	6.438	19.390	0.130	0.175
X		0.021	0.183	18.680	11.360	0.321	9.060	22.730	0.180	0.207
σ		0.427	0.043	0.515	1.314	0.123	2.276	3.332	0.043	0.071
%RSD		2052.000	23.510	2.758	11.570	38.210	25.120	14.660	24.120	34.050
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:51	0.483	0.545	0.335	0.204	-0.275	0.089	-0.242	-0.274	2.817
2	08:07:59	0.445	0.400	0.388	0.040	-0.135	0.106	-0.288	-0.134	4.309
3	08:09:07	0.261	0.296	0.193	-0.182	0.051	0.113	-0.289	0.051	1.001
X		0.396	0.413	0.305	0.020	-0.120	0.103	-0.273	-0.119	2.709
σ		0.119	0.125	0.101	0.194	0.163	0.012	0.027	0.163	1.657
%RSD		30.030	30.230	32.990	944.800	136.700	12.150	9.726	137.400	61.160
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:51	0.310	0.344	0.409	0.285	0.425	-0.006	76%	0.379	0.355
2	08:07:59	0.342	0.356	0.285	0.285	0.334	0.002	76%	0.298	0.244
3	08:09:07	0.175	0.134	0.176	0.155	0.196	-0.002	76%	0.303	0.093
X		0.276	0.278	0.290	0.241	0.319	-0.002	76%	0.327	0.231
σ		0.089	0.125	0.117	0.075	0.115	0.004	0%	0.045	0.131
%RSD		32.110	45.020	40.280	31.160	36.170	190.600	0	13.810	57.010
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:06:51	-0.097	0.372	0.343	0.178	0.483	0.608	1.099	1.119	79%
2	08:07:59	-0.181	0.292	0.253	0.256	0.376	0.488	1.059	1.073	79%
3	08:09:07	-0.183	0.295	0.130	0.188	0.284	0.285	0.610	0.649	79%
X		-0.154	0.320	0.242	0.207	0.381	0.460	0.923	0.947	79%
σ		0.049	0.045	0.107	0.042	0.100	0.164	0.271	0.259	0%
%RSD		31.970	14.120	44.250	20.290	26.140	35.520	29.400	27.350	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	08:06:51	79%	0.435	0.397	0.251	0.274	0.256	82%	0.232	
2	08:07:59	80%	0.336	0.319	0.246	0.228	0.234	83%	0.210	
3	08:09:07	80%	0.144	0.150	0.107	0.099	0.118	83%	0.126	
X		80%	0.305	0.288	0.201	0.200	0.203	82%	0.189	
σ		1%	0.148	0.126	0.082	0.091	0.074	0%	0.056	
%RSD		1	48.500	43.760	40.500	45.210	36.480	0	29.580	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:47	82%	0.176	3.279	0.000	-12.260	12.230	12.710	12.410	1.773
2	08:15:55	81%	0.059	1.951	0.000	-18.100	7.894	7.522	8.424	0.957
3	08:17:03	81%	0.036	1.982	0.000	-20.330	3.977	2.760	2.425	0.252
X		81%	0.090	2.404	0.000	-16.900	8.034	7.664	7.752	0.994
σ		1%	0.075	0.758	0.000	4.165	4.129	4.977	5.025	0.761
%RSD		1	82.840	31.520	0.000	24.650	51.400	64.940	64.820	76.570
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:47	-1.107	-4.545	0.000	0.000	-44.380	22.530	21.710	78%	0.214
2	08:15:55	-0.527	-3.223	0.000	0.000	-45.010	7.376	20.060	78%	0.512
3	08:17:03	-0.439	-5.215	0.000	0.000	-48.950	-4.039	7.735	77%	-0.080
X		-0.691	-4.328	0.000	0.000	-46.120	8.621	16.500	78%	0.215
σ		0.363	1.014	0.000	0.000	2.474	13.330	7.637	1%	0.296
%RSD		52.580	23.420	0.000	0.000	5.365	154.600	46.280	1	137.400
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:47	-0.355	0.145	17.130	1.939	0.162	5.366	19.000	0.077	0.252
2	08:15:55	0.152	0.094	15.550	4.813	0.107	3.409	13.740	0.055	0.196
3	08:17:03	-0.074	0.083	16.430	2.173	0.025	2.606	19.410	0.036	0.144
X		-0.092	0.108	16.370	2.975	0.098	3.794	17.380	0.056	0.197
σ		0.254	0.033	0.790	1.596	0.069	1.420	3.165	0.021	0.054
%RSD		275.100	30.820	4.828	53.650	70.300	37.430	18.210	36.830	27.430
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:47	0.323	0.267	0.186	0.066	-0.883	0.061	-0.222	-0.881	4.704
2	08:15:55	0.155	0.143	0.046	0.316	0.193	0.016	-0.124	0.193	-0.035
3	08:17:03	0.079	0.037	0.052	-0.085	-0.561	0.072	-1.045	-0.560	0.536
X		0.186	0.149	0.095	0.099	-0.417	0.050	-0.464	-0.416	1.735
σ		0.125	0.116	0.079	0.203	0.552	0.030	0.506	0.551	2.587
%RSD		67.500	77.480	83.380	204.600	132.400	59.670	109.100	132.500	149.100
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:47	0.145	0.123	0.095	0.137	0.166	0.011	76%	0.149	0.128
2	08:15:55	0.051	0.029	0.078	0.024	0.084	0.006	76%	-0.404	0.055
3	08:17:03	0.128	0.048	-0.002	-0.078	0.065	-0.002	74%	1.442	0.027
X		0.108	0.067	0.057	0.028	0.105	0.005	75%	0.396	0.070
σ		0.050	0.050	0.052	0.108	0.054	0.006	1%	0.947	0.052
%RSD		46.570	74.800	91.480	387.700	51.350	131.400	1	239.400	74.400
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:14:47	0.022	0.140	0.111	0.106	0.160	0.122	0.701	0.606	79%
2	08:15:55	0.241	-0.411	0.082	0.090	0.093	0.071	0.434	0.457	79%
3	08:17:03	-0.766	1.434	0.032	0.117	0.061	0.034	0.127	0.122	78%
X		-0.167	0.388	0.075	0.104	0.105	0.076	0.421	0.395	79%
σ		0.530	0.947	0.040	0.014	0.051	0.044	0.287	0.248	1%
%RSD		316.600	244.200	53.270	13.030	48.320	58.230	68.360	62.860	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	08:14:47	79%	0.197	0.182	0.130	0.114	0.127	83%	0.100	
2	08:15:55	80%	0.113	0.105	0.056	0.054	0.063	83%	0.070	
3	08:17:03	78%	0.033	0.030	0.017	0.024	0.023	81%	0.033	
X		79%	0.114	0.106	0.068	0.064	0.071	82%	0.068	
σ		1%	0.082	0.076	0.057	0.046	0.052	1%	0.034	
%RSD		1	71.490	72.250	84.270	71.890	73.500	1	50.250	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:22:44	85%	-0.038	2.547	0.000	-34.910	0.783	0.824	0.081	-0.375
2	08:23:52	81%	-0.048	1.242	0.000	-25.230	0.923	1.003	0.542	-0.421
3	08:25:00	82%	-0.025	3.108	0.000	-32.040	-0.429	-0.897	-1.174	-0.623
X		83%	-0.037	2.299	0.000	-30.730	0.426	0.310	-0.184	-0.473
σ		2%	0.012	0.957	0.000	4.975	0.744	1.049	0.888	0.132
%RSD		3	31.690	41.650	0.000	16.190	174.700	338.400	483.100	27.860
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:22:44	-1.821	1.353	0.000	0.000	-57.250	-0.356	8.283	79%	0.026
2	08:23:52	-0.875	-0.781	0.000	0.000	-53.690	14.970	2.781	78%	0.252
3	08:25:00	-0.704	-6.602	0.000	0.000	-58.090	3.417	5.161	79%	0.136
X		-1.133	-2.010	0.000	0.000	-56.350	6.012	5.408	79%	0.138
σ		0.602	4.117	0.000	0.000	2.335	7.988	2.759	1%	0.113
%RSD		53.110	204.800	0.000	0.000	4.144	132.900	51.020	1	81.830
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:22:44	0.208	0.093	13.930	-1.676	-0.058	-0.837	10.440	-0.006	0.034
2	08:23:52	-0.133	0.069	13.870	1.137	-0.038	0.822	13.200	0.010	0.083
3	08:25:00	-0.374	0.042	14.030	-1.291	-0.071	-0.088	11.340	-0.008	-0.030
X		-0.100	0.068	13.940	-0.610	-0.056	-0.034	11.660	-0.001	0.029
σ		0.292	0.025	0.079	1.525	0.017	0.831	1.407	0.010	0.057
%RSD		293.100	37.090	0.568	250.100	29.990	2409.000	12.070	774.500	195.000
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:22:44	0.043	-0.005	-0.107	0.004	-0.228	0.048	-0.170	-0.227	0.178
2	08:23:52	0.045	0.035	-0.114	-0.016	-0.508	0.045	-0.894	-0.506	0.679
3	08:25:00	0.017	-0.005	-0.007	-0.401	-0.829	0.111	-0.688	-0.828	4.190
X		0.035	0.008	-0.076	-0.137	-0.522	0.068	-0.584	-0.520	1.682
σ		0.015	0.023	0.060	0.229	0.301	0.037	0.373	0.301	2.186
%RSD		43.770	281.800	78.250	166.300	57.720	54.740	63.900	57.800	130.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:22:44	0.008	-0.007	-0.037	-0.014	-0.009	-0.006	77%	1.302	-0.007
2	08:23:52	-0.043	0.005	-0.026	-0.060	0.027	-0.006	76%	0.310	-0.016
3	08:25:00	-0.043	-0.025	-0.031	-0.032	-0.012	0.002	76%	-0.430	-0.011
X		-0.026	-0.009	-0.031	-0.035	0.002	-0.004	76%	0.394	-0.012
σ		0.029	0.015	0.006	0.023	0.022	0.005	0%	0.869	0.005
%RSD		112.300	164.800	17.990	64.880	1166.000	133.600	1	220.400	39.830
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:22:44	-0.695	1.295	0.007	0.063	0.010	-0.029	0.030	0.013	80%
2	08:23:52	-0.126	0.306	0.019	0.032	-0.010	-0.032	-0.012	0.017	78%
3	08:25:00	0.191	-0.436	-0.016	-0.010	-0.003	-0.046	-0.024	-0.035	79%
X		-0.210	0.388	0.003	0.028	-0.001	-0.036	-0.002	-0.002	79%
σ		0.449	0.868	0.018	0.037	0.010	0.009	0.028	0.029	1%
%RSD		214.200	223.600	546.900	130.800	1024.000	25.510	1407.000	1853.000	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	08:22:44	81%	0.027	0.023	-0.011	-0.002	-0.005	84%	-0.003	
2	08:23:52	79%	0.014	0.009	-0.010	-0.006	-0.007	81%	0.003	
3	08:25:00	79%	0.009	-0.002	-0.029	-0.028	-0.023	83%	-0.009	
X		80%	0.017	0.010	-0.017	-0.012	-0.012	83%	-0.003	
σ		1%	0.010	0.012	0.011	0.014	0.010	1%	0.006	
%RSD		1	57.430	127.900	64.320	116.100	86.900	2	204.100	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb								
1	08:30:41	81%	19.840	31.020	0.000	274.900	200.500	204.400	203.900	204.700
2	08:31:50	81%	19.910	32.020	0.000	271.400	196.700	200.500	196.800	204.100
3	08:32:58	80%	20.230	31.410	0.000	263.400	195.800	195.600	200.800	202.400
X		81%	19.990	31.480	0.000	269.900	197.700	200.200	200.500	203.700
σ		0%	0.204	0.501	0.000	5.894	2.464	4.419	3.570	1.217
%RSD		0	1.023	1.590	0.000	2.184	1.247	2.208	1.781	0.597
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb								
1	08:30:41	90.470	552.800	0.000	0.000	915.800	105.900	104.400	76%	18.390
2	08:31:50	92.870	565.400	0.000	0.000	920.200	98.220	113.200	74%	20.040
3	08:32:58	85.340	546.400	0.000	0.000	893.300	118.900	111.600	75%	19.750
X		89.560	554.900	0.000	0.000	909.800	107.700	109.700	75%	19.390
σ		3.850	9.689	0.000	0.000	14.420	10.480	4.651	1%	0.882
%RSD		4.299	1.746	0.000	0.000	1.585	9.728	4.239	1	4.550
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb								
1	08:30:41	29.670	38.410	12.310	297.900	19.100	290.600	294.100	19.330	48.650
2	08:31:50	29.010	38.550	14.200	298.700	19.450	294.900	313.700	19.290	48.130
3	08:32:58	28.740	37.840	13.360	290.800	19.110	293.000	294.100	19.440	47.940
X		29.140	38.270	13.290	295.800	19.220	292.800	300.600	19.350	48.240
σ		0.477	0.380	0.949	4.369	0.201	2.169	11.310	0.078	0.370
%RSD		1.637	0.993	7.145	1.477	1.047	0.741	3.762	0.401	0.766
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb								
1	08:30:41	29.640	29.920	19.450	76.880	190.400	-0.124	189.600	189.800	-2.010
2	08:31:50	30.540	30.270	20.280	77.190	192.500	-0.236	194.300	191.800	-1.867
3	08:32:58	29.620	30.020	18.920	76.320	183.800	-0.163	189.300	183.400	0.797
X		29.940	30.070	19.550	76.800	188.900	-0.174	191.100	188.400	-1.027
σ		0.528	0.185	0.684	0.438	4.576	0.057	2.814	4.414	1.581
%RSD		1.763	0.616	3.498	0.571	2.423	32.710	1.472	2.343	154.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb								
1	08:30:41	36.700	37.460	36.720	37.210	36.950	-0.002	74%	18.770	7.595
2	08:31:50	37.440	36.970	37.750	36.910	37.410	-0.006	73%	19.860	7.572
3	08:32:58	36.900	36.950	36.790	37.810	37.220	0.002	73%	21.250	7.217
X		37.010	37.120	37.080	37.310	37.190	-0.002	73%	19.960	7.461
σ		0.382	0.288	0.577	0.457	0.230	0.004	1%	1.243	0.212
%RSD		1.033	0.777	1.555	1.224	0.618	216.700	1	6.230	2.839
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb								
1	08:30:41	-0.188	18.760	7.356	20.210	65.620	75.510	18.770	19.350	77%
2	08:31:50	0.305	19.850	7.482	19.160	66.500	75.210	19.510	19.480	77%
3	08:32:58	-1.712	21.230	7.488	19.020	66.240	74.960	19.540	19.950	77%
X		-0.532	19.950	7.442	19.460	66.120	75.230	19.270	19.590	77%
σ		1.051	1.235	0.074	0.652	0.451	0.274	0.437	0.316	0%
%RSD		197.700	6.190	0.999	3.349	0.681	0.365	2.268	1.612	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb								
1	08:30:41	78%	194.000	195.700	98.000	97.600	97.140	80%	0.003	
2	08:31:50	77%	194.200	194.100	96.720	95.850	96.230	81%	-0.004	
3	08:32:58	77%	194.400	195.200	97.370	97.840	97.580	80%	-0.013	
X		77%	194.200	195.000	97.360	97.090	96.980	80%	-0.005	
σ		0%	0.219	0.807	0.639	1.088	0.688	1%	0.008	
%RSD		0	0.113	0.414	0.656	1.120	0.709	1	168.200	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:38:39	86%	0.064	103.800	0.000	40600.000	12910.000	12960.000	12720.000	28.940
2	08:39:47	87%	-0.061	100.600	0.000	41000.000	13010.000	13140.000	12910.000	29.150
3	08:40:55	87%	-0.039	110.600	0.000	41390.000	12950.000	13060.000	12860.000	29.140
X		86%	-0.012	105.000	0.000	41000.000	12960.000	13050.000	12830.000	29.070
σ		1%	0.067	5.087	0.000	395.300	52.750	90.530	100.200	0.120
%RSD		1	553.300	4.846	0.000	0.964	0.407	0.694	0.781	0.411
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:38:39	7794.000	20.580	0.000	0.000	2545.000	34720.000	35520.000	77%	1.128
2	08:39:47	7887.000	18.570	0.000	0.000	2560.000	33190.000	35360.000	79%	1.131
3	08:40:55	7933.000	20.380	0.000	0.000	2541.000	33750.000	35020.000	81%	0.490
X		7871.000	19.840	0.000	0.000	2549.000	33890.000	35300.000	79%	0.916
σ		70.970	1.104	0.000	0.000	10.150	773.800	251.700	2%	0.369
%RSD		0.902	5.562	0.000	0.000	0.398	2.283	0.713	2	40.280
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:38:39	-8.478	1.893	614.300	49.630	2.927	45.370	141.900	0.675	3.209
2	08:39:47	-8.203	1.874	652.000	47.920	3.088	47.510	139.400	0.630	3.466
3	08:40:55	-4.617	1.929	674.000	47.790	3.079	45.850	130.300	0.667	3.359
X		-7.099	1.899	646.800	48.450	3.032	46.240	137.200	0.657	3.344
σ		2.154	0.028	30.160	1.026	0.090	1.123	6.124	0.024	0.129
%RSD		30.340	1.450	4.662	2.118	2.983	2.429	4.463	3.625	3.864
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:38:39	1.541	1.543	27.570	0.896	0.832	2.017	-0.189	0.833	1.440
2	08:39:47	1.489	1.670	26.580	0.049	0.522	2.417	-0.150	0.522	1.111
3	08:40:55	1.436	1.584	26.900	-0.605	-0.320	2.722	-0.222	-0.319	3.460
X		1.489	1.599	27.020	0.113	0.345	2.385	-0.187	0.345	2.004
σ		0.052	0.065	0.504	0.752	0.596	0.353	0.036	0.596	1.272
%RSD		3.510	4.044	1.866	664.200	173.000	14.810	19.000	172.600	63.480
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:38:39	1.281	1.247	1.283	1.217	1.291	0.002	73%	-0.301	-0.003
2	08:39:47	1.178	1.250	1.194	1.235	1.298	-0.002	75%	-1.438	-0.016
3	08:40:55	1.235	1.345	1.332	1.397	1.343	-0.006	76%	0.492	-0.007
X		1.232	1.281	1.270	1.283	1.311	-0.002	74%	-0.416	-0.009
σ		0.051	0.056	0.070	0.099	0.028	0.004	2%	0.970	0.007
%RSD		4.174	4.370	5.479	7.710	2.140	212.800	2	233.400	75.430
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:38:39	0.390	-0.313	0.013	0.048	8.321	0.061	4.866	4.703	78%
2	08:39:47	0.773	-1.448	-0.004	-0.012	8.767	0.044	5.346	5.053	80%
3	08:40:55	-0.277	0.480	-0.002	0.100	8.585	0.038	5.027	5.072	81%
X		0.295	-0.427	0.002	0.045	8.558	0.048	5.080	4.942	80%
σ		0.532	0.969	0.009	0.056	0.224	0.012	0.245	0.208	2%
%RSD		180.100	227.000	440.200	124.400	2.621	24.930	4.814	4.205	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	08:38:39	79%	0.240	0.253	1.334	1.254	1.321	79%	0.055	
2	08:39:47	80%	0.198	0.191	1.320	1.153	1.258	81%	0.058	
3	08:40:55	82%	0.123	0.134	1.209	1.140	1.168	83%	0.054	
X		80%	0.187	0.193	1.288	1.182	1.249	81%	0.055	
σ		1%	0.059	0.059	0.069	0.062	0.077	2%	0.002	
%RSD		2	31.630	30.730	5.326	5.264	6.196	2	4.065	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:46:37	93%	-0.031	101.400	0.000	40660.000	12830.000	12880.000	12670.000	14.560
2	08:47:45	95%	-0.043	108.900	0.000	40330.000	12590.000	12770.000	12520.000	14.400
3	08:48:53	96%	-0.053	104.800	0.000	40170.000	12700.000	12720.000	12620.000	14.050
X		95%	-0.042	105.100	0.000	40390.000	12710.000	12790.000	12600.000	14.340
σ		2%	0.011	3.749	0.000	246.400	120.100	83.540	74.650	0.261
%RSD		2	25.940	3.568	0.000	0.610	0.945	0.653	0.592	1.822
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:46:37	7756.000	18.550	0.000	0.000	2529.000	33640.000	35190.000	81%	1.168
2	08:47:45	7592.000	16.770	0.000	0.000	2484.000	32780.000	34630.000	84%	0.953
3	08:48:53	7685.000	17.860	0.000	0.000	2502.000	33180.000	34890.000	84%	0.846
X		7678.000	17.720	0.000	0.000	2505.000	33200.000	34900.000	83%	0.989
σ		82.060	0.897	0.000	0.000	22.620	432.000	281.800	2%	0.164
%RSD		1.069	5.061	0.000	0.000	0.903	1.301	0.807	2	16.550
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:46:37	-21.610	3.960	1404.000	63.040	3.685	53.300	139.900	0.669	3.807
2	08:47:45	-15.990	4.160	1473.000	64.790	3.809	52.660	131.800	0.597	3.378
3	08:48:53	-13.040	4.286	1531.000	61.350	3.687	52.630	136.000	0.689	3.565
X		-16.880	4.136	1469.000	63.060	3.727	52.860	135.900	0.651	3.583
σ		4.353	0.164	63.720	1.725	0.071	0.378	4.070	0.049	0.215
%RSD		25.790	3.975	4.337	2.735	1.917	0.714	2.995	7.448	6.004
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:46:37	2.098	2.339	35.990	-0.816	-0.411	5.706	-0.447	-0.410	3.011
2	08:47:45	1.961	1.912	35.670	-1.824	-0.722	6.581	-0.530	-0.722	7.679
3	08:48:53	1.955	2.085	35.710	-0.779	0.038	6.466	-0.563	0.039	2.582
X		2.005	2.112	35.790	-1.140	-0.365	6.251	-0.513	-0.364	4.424
σ		0.081	0.215	0.171	0.593	0.382	0.475	0.060	0.383	2.827
%RSD		4.026	10.170	0.478	52.060	104.700	7.604	11.660	105.000	63.910
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:46:37	0.967	1.201	1.213	1.153	1.328	-0.006	76%	-0.799	-0.007
2	08:47:45	1.419	1.206	1.291	1.319	1.275	0.002	77%	-0.589	-0.004
3	08:48:53	1.282	1.194	1.292	1.229	1.257	-0.006	79%	-0.680	-0.008
X		1.223	1.200	1.265	1.234	1.287	-0.004	78%	-0.689	-0.006
σ		0.232	0.006	0.045	0.083	0.037	0.005	1%	0.105	0.002
%RSD		18.950	0.491	3.580	6.709	2.888	130.000	2	15.250	35.880
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:46:37	0.446	-0.811	0.011	0.081	5.087	0.033	4.813	4.910	82%
2	08:47:45	0.461	-0.603	-0.001	0.077	5.132	0.004	4.907	4.831	84%
3	08:48:53	0.444	-0.693	0.000	0.098	5.171	0.045	4.398	4.827	86%
X		0.450	-0.703	0.003	0.085	5.130	0.027	4.706	4.856	84%
σ		0.010	0.104	0.007	0.011	0.042	0.021	0.271	0.047	2%
%RSD		2.150	14.840	199.600	12.930	0.819	77.950	5.753	0.968	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	08:46:37	83%	0.098	0.100	0.913	0.879	0.882	83%	0.055	
2	08:47:45	84%	0.053	0.064	0.800	0.724	0.783	84%	0.058	
3	08:48:53	85%	0.062	0.048	0.844	0.775	0.811	86%	0.044	
X		84%	0.071	0.071	0.852	0.793	0.825	84%	0.052	
σ		1%	0.024	0.027	0.057	0.079	0.051	1%	0.008	
%RSD		2	34.110	37.970	6.660	9.968	6.200	2	14.580	

C1942-03LX5 04/30/2011 08:53:27 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:54:35	93%	-0.063	24.630	0.000	8244.000	2606.000	2558.000	2575.000	5.561
2	08:55:43	93%	-0.032	20.680	0.000	8133.000	2517.000	2574.000	2571.000	5.591
3	08:56:51	92%	-0.052	23.700	0.000	8220.000	2622.000	2590.000	2627.000	5.727
X		93%	-0.049	23.000	0.000	8199.000	2582.000	2574.000	2591.000	5.626
σ		1%	0.016	2.062	0.000	58.340	56.440	16.090	31.520	0.089
%RSD		1	32.520	8.964	0.000	0.712	2.186	0.625	1.216	1.573
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:54:35	1595.000	2.508	0.000	0.000	465.700	6706.000	7000.000	85%	0.115
2	08:55:43	1564.000	-0.284	0.000	0.000	467.000	6893.000	7018.000	84%	0.151
3	08:56:51	1589.000	6.516	0.000	0.000	475.700	6993.000	7192.000	84%	0.014
X		1583.000	2.914	0.000	0.000	469.500	6864.000	7070.000	84%	0.093
σ		16.350	3.418	0.000	0.000	5.410	145.500	106.200	0%	0.071
%RSD		1.033	117.300	0.000	0.000	1.152	2.119	1.502	0	76.030
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:54:35	-1.643	0.558	215.200	10.060	0.631	12.790	31.730	0.118	0.717
2	08:55:43	-1.448	0.538	208.900	9.042	0.591	13.550	31.670	0.074	0.765
3	08:56:51	-3.602	0.509	208.600	12.710	0.681	13.390	33.170	0.099	0.734
X		-2.231	0.535	210.900	10.600	0.634	13.240	32.190	0.097	0.739
σ		1.191	0.025	3.724	1.896	0.046	0.399	0.851	0.022	0.024
%RSD		53.390	4.579	1.766	17.880	7.196	3.013	2.642	22.830	3.284
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:54:35	0.314	0.248	5.386	0.065	0.548	0.723	-1.180	0.547	-0.490
2	08:55:43	0.246	0.358	5.834	0.021	-0.358	0.744	-0.621	-0.356	1.578
3	08:56:51	0.329	0.309	6.336	0.653	0.295	0.629	-0.801	0.295	-0.032
X		0.296	0.305	5.852	0.246	0.162	0.698	-0.867	0.162	0.352
σ		0.044	0.055	0.475	0.353	0.467	0.061	0.285	0.466	1.086
%RSD		14.820	18.020	8.122	143.200	288.800	8.779	32.900	287.800	308.600
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:54:35	0.146	0.239	0.244	0.170	0.172	-0.003	82%	-1.422	-0.029
2	08:55:43	0.176	0.202	0.179	0.215	0.235	-0.006	82%	-0.328	-0.027
3	08:56:51	0.208	0.188	0.207	0.244	0.288	0.005	81%	-0.450	-0.036
X		0.177	0.210	0.210	0.210	0.232	-0.001	82%	-0.733	-0.031
σ		0.031	0.026	0.032	0.037	0.058	0.006	1%	0.600	0.005
%RSD		17.410	12.560	15.380	17.670	24.960	515.000	1	81.790	15.100
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	08:54:35	0.700	-1.429	-0.023	-0.068	1.516	-0.076	0.785	0.849	85%
2	08:55:43	0.140	-0.336	-0.021	-0.021	1.475	-0.091	0.816	0.843	86%
3	08:56:51	0.202	-0.457	-0.019	-0.013	1.643	-0.081	0.693	0.839	84%
X		0.347	-0.741	-0.021	-0.034	1.545	-0.083	0.764	0.844	85%
σ		0.307	0.599	0.002	0.029	0.087	0.007	0.064	0.005	1%
%RSD		88.350	80.950	9.089	86.330	5.661	8.924	8.378	0.633	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	08:54:35	86%	-0.016	-0.016	0.155	0.167	0.181	88%	-0.010	
2	08:55:43	86%	-0.015	-0.012	0.208	0.166	0.181	88%	-0.009	
3	08:56:51	85%	-0.018	-0.018	0.202	0.184	0.184	86%	-0.008	
X		86%	-0.016	-0.015	0.188	0.172	0.182	87%	-0.009	
σ		1%	0.002	0.003	0.029	0.010	0.002	1%	0.001	
%RSD		1	9.818	17.520	15.370	5.694	0.840	1	12.650	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:02:34	92%	17.040	125.100	0.000	41390.000	13180.000	13160.000	12980.000	179.700
2	09:03:42	92%	17.170	135.400	0.000	41730.000	13230.000	13180.000	13090.000	181.800
3	09:04:50	94%	17.270	124.700	0.000	41090.000	12980.000	13230.000	12930.000	178.100
X		93%	17.160	128.400	0.000	41400.000	13130.000	13190.000	13000.000	179.800
σ		1%	0.116	6.076	0.000	322.800	130.500	34.000	82.700	1.849
%RSD		1	0.678	4.732	0.000	0.780	0.994	0.258	0.636	1.028
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:02:34	7800.000	514.500	0.000	0.000	3473.000	34080.000	35830.000	80%	17.430
2	09:03:42	7937.000	518.700	0.000	0.000	3381.000	34400.000	35740.000	80%	18.690
3	09:04:50	7832.000	523.400	0.000	0.000	3363.000	33920.000	35660.000	82%	16.440
X		7856.000	518.800	0.000	0.000	3406.000	34130.000	35740.000	81%	17.520
σ		71.400	4.471	0.000	0.000	59.020	243.000	83.140	1%	1.127
%RSD		0.909	0.862	0.000	0.000	1.733	0.712	0.233	1	6.435
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:02:34	15.560	35.240	696.100	307.500	19.040	299.300	387.500	17.240	44.290
2	09:03:42	15.510	34.900	739.900	303.100	19.000	296.100	389.200	17.530	43.820
3	09:04:50	14.640	34.890	760.000	299.600	19.080	294.800	394.100	17.290	41.830
X		15.230	35.010	732.000	303.400	19.040	296.700	390.300	17.350	43.310
σ		0.517	0.201	32.630	3.958	0.039	2.353	3.467	0.154	1.308
%RSD		3.395	0.573	4.458	1.305	0.206	0.793	0.888	0.889	3.020
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:02:34	26.430	26.050	28.100	69.250	172.400	2.445	170.900	172.500	0.615
2	09:03:42	26.400	26.560	27.410	70.010	177.500	2.294	172.000	177.200	-2.003
3	09:04:50	26.880	26.280	28.040	72.210	174.800	1.889	174.600	174.700	0.383
X		26.570	26.300	27.850	70.490	174.900	2.209	172.500	174.800	-0.335
σ		0.270	0.257	0.385	1.536	2.562	0.288	1.900	2.383	1.449
%RSD		1.016	0.979	1.382	2.179	1.465	13.030	1.101	1.363	433.100
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:02:34	33.230	34.030	33.390	33.850	33.920	0.002	76%	18.740	6.406
2	09:03:42	32.550	33.040	32.580	34.310	33.640	0.002	77%	16.980	6.568
3	09:04:50	32.840	33.650	32.570	33.350	32.500	-0.002	78%	17.970	6.592
X		32.870	33.580	32.850	33.840	33.350	0.001	77%	17.900	6.522
σ		0.338	0.500	0.470	0.483	0.752	0.002	1%	0.886	0.101
%RSD		1.030	1.489	1.430	1.427	2.254	449.300	1	4.949	1.551
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:02:34	-0.297	18.710	6.598	18.080	61.360	66.790	21.770	22.000	82%
2	09:03:42	2.101	16.950	6.449	17.250	60.640	65.500	20.950	22.040	82%
3	09:04:50	0.478	17.940	6.313	17.360	59.520	65.680	21.420	21.800	83%
X		0.761	17.870	6.453	17.560	60.510	65.990	21.380	21.950	82%
σ		1.223	0.881	0.142	0.454	0.930	0.698	0.413	0.132	1%
%RSD		160.800	4.934	2.209	2.587	1.537	1.058	1.932	0.600	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	09:02:34	82%	170.300	171.100	85.840	85.780	85.910	82%	0.053	
2	09:03:42	83%	170.900	173.100	86.930	86.550	86.640	82%	0.060	
3	09:04:50	84%	170.700	171.300	86.780	86.530	86.230	83%	0.049	
X		83%	170.600	171.800	86.520	86.290	86.260	83%	0.054	
σ		1%	0.346	1.103	0.590	0.439	0.363	1%	0.006	
%RSD		1	0.203	0.642	0.682	0.509	0.421	1	10.580	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:10:33	97%	18.220	130.800	0.000	42310.000	13360.000	13490.000	13240.000	191.700
2	09:11:41	96%	18.880	142.800	0.000	44290.000	13950.000	13990.000	13770.000	201.900
3	09:12:49	96%	17.890	144.600	0.000	43450.000	13870.000	13930.000	13600.000	196.400
X		97%	18.330	139.400	0.000	43350.000	13720.000	13800.000	13540.000	196.700
σ		1%	0.507	7.495	0.000	994.500	321.100	271.500	270.400	5.088
%RSD		1	2.765	5.377	0.000	2.294	2.340	1.967	1.997	2.587
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:10:33	7895.000	549.500	0.000	0.000	3573.000	34960.000	36160.000	85%	17.250
2	09:11:41	8246.000	572.400	0.000	0.000	3714.000	36230.000	37750.000	84%	17.280
3	09:12:49	8177.000	557.100	0.000	0.000	3657.000	35650.000	37290.000	85%	17.250
X		8106.000	559.600	0.000	0.000	3648.000	35610.000	37070.000	85%	17.260
σ		185.800	11.670	0.000	0.000	71.010	638.400	818.400	0%	0.016
%RSD		2.292	2.085	0.000	0.000	1.946	1.793	2.208	1	0.091
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:10:33	5.058	39.080	1649.000	331.900	20.990	324.100	410.400	18.990	45.320
2	09:11:41	4.637	39.980	1806.000	349.000	21.250	331.500	406.000	19.880	48.210
3	09:12:49	8.813	39.610	1825.000	343.300	21.290	326.400	404.000	19.030	47.010
X		6.169	39.560	1760.000	341.400	21.180	327.400	406.800	19.300	46.850
σ		2.299	0.456	96.340	8.697	0.162	3.791	3.265	0.506	1.455
%RSD		37.270	1.152	5.474	2.547	0.763	1.158	0.802	2.623	3.105
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:10:33	27.710	28.690	49.860	74.950	186.300	6.713	189.400	186.700	6.774
2	09:11:41	28.930	29.480	52.080	76.880	202.200	7.769	200.800	202.700	-0.452
3	09:12:49	28.420	28.480	51.970	70.750	185.000	8.177	187.300	184.900	5.994
X		28.350	28.880	51.300	74.190	191.200	7.553	192.500	191.400	4.105
σ		0.610	0.531	1.253	3.135	9.579	0.756	7.276	9.765	3.966
%RSD		2.152	1.838	2.443	4.225	5.011	10.010	3.780	5.101	96.600
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:10:33	33.700	33.980	33.310	33.460	33.580	-0.006	78%	18.630	7.215
2	09:11:41	35.430	34.130	34.650	35.110	35.180	0.002	78%	20.310	7.582
3	09:12:49	32.730	32.950	33.360	32.560	33.840	-0.002	81%	18.520	7.113
X		33.960	33.690	33.770	33.710	34.200	-0.002	79%	19.150	7.303
σ		1.368	0.645	0.759	1.295	0.861	0.004	2%	1.005	0.247
%RSD		4.027	1.916	2.248	3.842	2.517	173.500	2	5.249	3.375
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:10:33	1.999	18.580	7.235	18.990	60.930	67.200	25.020	25.120	86%
2	09:11:41	1.317	20.260	7.558	20.720	62.950	70.890	25.190	25.930	86%
3	09:12:49	1.049	18.480	7.278	19.380	60.800	67.180	23.900	24.660	89%
X		1.455	19.110	7.357	19.690	61.560	68.430	24.700	25.240	87%
σ		0.490	1.001	0.175	0.910	1.205	2.136	0.701	0.641	2%
%RSD		33.680	5.237	2.383	4.619	1.957	3.121	2.836	2.541	2
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	09:10:33	86%	184.500	187.300	94.430	93.150	94.130	86%	0.056	
2	09:11:41	86%	192.300	195.900	99.450	99.230	99.500	86%	0.064	
3	09:12:49	89%	186.700	188.500	94.910	95.700	95.390	89%	0.060	
X		87%	187.800	190.600	96.270	96.030	96.340	87%	0.060	
σ		2%	4.013	4.700	2.766	3.052	2.809	2%	0.004	
%RSD		2	2.136	2.466	2.874	3.178	2.916	2	6.943	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:18:32	92%	17.790	124.300	0.000	39330.000	12500.000	12640.000	12440.000	217.600
2	09:19:40	91%	18.090	128.600	0.000	40360.000	12920.000	12980.000	12830.000	217.200
3	09:20:49	91%	18.520	138.100	0.000	41650.000	13270.000	13330.000	13050.000	225.000
X		92%	18.130	130.300	0.000	40450.000	12900.000	12980.000	12770.000	219.900
σ		1%	0.364	7.016	0.000	1166.000	386.400	347.300	309.300	4.378
%RSD		1	2.010	5.383	0.000	2.882	2.995	2.675	2.421	1.990
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:18:32	7629.000	551.500	0.000	0.000	3336.000	33010.000	34230.000	82%	17.950
2	09:19:40	7798.000	550.300	0.000	0.000	3382.000	33490.000	34320.000	83%	18.010
3	09:20:49	8060.000	572.100	0.000	0.000	3620.000	34580.000	35590.000	81%	20.450
X		7829.000	558.000	0.000	0.000	3446.000	33690.000	34710.000	82%	18.800
σ		217.000	12.260	0.000	0.000	152.800	803.100	759.700	1%	1.425
%RSD		2.772	2.198	0.000	0.000	4.435	2.384	2.189	1	7.577
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:18:32	14.960	37.900	803.100	323.700	21.400	315.900	390.400	18.820	47.160
2	09:19:40	12.140	37.980	844.800	323.000	21.680	322.200	409.400	18.970	48.030
3	09:20:49	12.060	39.420	883.200	336.800	22.700	333.900	425.600	19.540	49.630
X		13.050	38.430	843.700	327.800	21.930	324.000	408.500	19.110	48.270
σ		1.652	0.857	40.050	7.775	0.681	9.132	17.640	0.381	1.256
%RSD		12.660	2.229	4.747	2.372	3.108	2.818	4.318	1.995	2.601
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:18:32	28.480	28.420	45.880	73.150	183.800	2.932	184.400	183.500	0.874
2	09:19:40	28.820	29.470	46.870	74.930	183.400	3.120	185.800	183.500	0.958
3	09:20:49	30.070	29.140	47.730	77.020	191.900	3.134	192.100	191.800	6.136
X		29.120	29.010	46.830	75.030	186.400	3.062	187.500	186.300	2.656
σ		0.838	0.537	0.924	1.936	4.802	0.113	4.079	4.778	3.014
%RSD		2.876	1.851	1.973	2.580	2.576	3.687	2.176	2.565	113.500
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:18:32	36.300	36.350	36.990	36.240	36.540	-0.002	79%	18.870	7.091
2	09:19:40	37.590	37.480	38.020	38.670	38.240	0.002	78%	19.340	7.228
3	09:20:49	37.710	38.410	39.120	38.970	38.550	-0.006	77%	20.180	7.355
X		37.200	37.410	38.040	37.960	37.780	-0.002	78%	19.460	7.225
σ		0.783	1.034	1.069	1.498	1.081	0.004	1%	0.663	0.133
%RSD		2.106	2.765	2.809	3.946	2.862	174.300	1	3.407	1.834
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:18:32	2.300	18.830	6.977	18.650	71.090	72.820	22.810	23.260	86%
2	09:19:40	-0.242	19.290	7.372	19.380	72.890	75.150	23.930	24.280	85%
3	09:20:49	1.239	20.130	7.368	19.670	76.760	76.580	24.770	24.340	85%
X		1.099	19.420	7.239	19.230	73.580	74.850	23.840	23.960	85%
σ		1.277	0.656	0.227	0.523	2.895	1.895	0.986	0.608	1%
%RSD		116.200	3.377	3.130	2.718	3.934	2.532	4.135	2.537	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	09:18:32	87%	183.900	184.900	93.700	93.310	93.170	87%	0.050	
2	09:19:40	86%	190.900	192.800	96.960	96.630	96.820	85%	0.054	
3	09:20:49	85%	192.100	194.900	98.160	98.200	98.300	85%	0.051	
X		86%	188.900	190.900	96.270	96.040	96.100	86%	0.052	
σ		1%	4.427	5.254	2.309	2.497	2.638	1%	0.002	
%RSD		1	2.343	2.752	2.398	2.600	2.746	1	4.004	

ZZZZZ 04/30/2011 09:25:24 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:26:33	92%	-0.010	2.457	0.000	-36.980	6.001	5.337	5.568	-0.910
2	09:27:41	93%	-0.010	1.667	0.000	-37.200	5.214	4.614	4.591	-0.681
3	09:28:49	90%	-0.041	0.855	0.000	-44.770	2.030	1.912	2.530	-0.919
X		92%	-0.020	1.660	0.000	-39.650	4.415	3.954	4.230	-0.837
σ		1%	0.018	0.801	0.000	4.438	2.102	1.805	1.551	0.135
%RSD		2	86.840	48.280	0.000	11.190	47.620	45.660	36.670	16.100
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:26:33	6.622	-5.769	0.000	0.000	-42.330	20.630	30.440	84%	-0.020
2	09:27:41	4.118	-1.452	0.000	0.000	-42.090	9.957	27.440	84%	-0.055
3	09:28:49	3.806	-1.975	0.000	0.000	-42.210	12.040	19.220	82%	0.123
X		4.849	-3.066	0.000	0.000	-42.210	14.210	25.700	83%	0.016
σ		1.544	2.356	0.000	0.000	0.121	5.657	5.808	1%	0.094
%RSD		31.840	76.850	0.000	0.000	0.285	39.810	22.600	1	580.800
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:26:33	-1.223	0.272	93.360	3.411	-0.040	3.982	7.200	-0.015	0.001
2	09:27:41	-0.343	0.245	83.120	2.380	-0.021	4.138	2.198	-0.019	0.053
3	09:28:49	-0.990	0.173	76.040	1.545	-0.052	4.319	5.068	-0.019	0.100
X		-0.852	0.230	84.170	2.445	-0.038	4.146	4.822	-0.018	0.051
σ		0.456	0.051	8.706	0.935	0.016	0.169	2.510	0.002	0.050
%RSD		53.550	22.280	10.340	38.230	41.910	4.066	52.050	11.850	97.010
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:26:33	-0.028	-0.031	-0.062	0.034	0.120	0.392	-0.721	0.120	1.608
2	09:27:41	-0.046	0.013	-0.137	0.010	-0.358	0.347	-0.017	-0.357	3.947
3	09:28:49	-0.027	-0.015	-0.078	0.224	-0.272	0.263	-0.235	-0.271	3.122
X		-0.034	-0.011	-0.092	0.089	-0.170	0.334	-0.324	-0.169	2.892
σ		0.011	0.022	0.040	0.117	0.255	0.066	0.360	0.254	1.186
%RSD		31.030	196.500	42.900	131.200	149.700	19.650	111.200	150.000	41.020
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:26:33	0.022	0.001	-0.013	-0.019	0.002	0.001	82%	0.007	-0.027
2	09:27:41	-0.036	0.001	-0.003	-0.071	0.019	0.001	82%	-0.416	-0.036
3	09:28:49	-0.065	-0.026	-0.013	-0.053	-0.011	-0.006	81%	0.482	-0.034
X		-0.027	-0.008	-0.010	-0.048	0.003	-0.001	82%	0.024	-0.033
σ		0.044	0.016	0.006	0.026	0.015	0.005	1%	0.450	0.005
%RSD		166.100	189.100	58.870	55.240	418.800	375.900	1	1859.000	14.410
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:26:33	-0.032	0.000	-0.017	-0.009	0.026	-0.067	-0.093	-0.124	85%
2	09:27:41	0.185	-0.423	-0.019	-0.026	-0.000	-0.047	-0.114	-0.124	85%
3	09:28:49	-0.216	0.475	-0.022	0.011	-0.061	-0.068	-0.114	-0.112	84%
X		-0.021	0.017	-0.019	-0.008	-0.012	-0.061	-0.107	-0.120	85%
σ		0.201	0.450	0.003	0.018	0.045	0.012	0.012	0.007	1%
%RSD		954.800	2580.000	13.990	224.300	387.000	19.680	11.180	5.766	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	09:26:33	86%	0.310	0.299	0.064	0.057	0.058	88%	-0.025	
2	09:27:41	85%	0.266	0.264	0.025	0.051	0.042	87%	-0.024	
3	09:28:49	84%	0.152	0.157	0.029	0.017	0.018	87%	-0.025	
X		85%	0.243	0.240	0.039	0.042	0.040	87%	-0.024	
σ		1%	0.082	0.074	0.021	0.021	0.020	0%	0.000	
%RSD		1	33.650	30.830	54.690	51.330	51.120	0	1.617	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:34:31	83%	507.700	494.500	0.000	49930.000	50250.000	50400.000	51240.000	10180.000
2	09:35:39	81%	517.200	486.900	0.000	50800.000	51030.000	50870.000	51090.000	10190.000
3	09:36:47	82%	505.700	521.100	0.000	49750.000	50200.000	50250.000	50240.000	10150.000
X		82%	510.200	500.800	0.000	50160.000	50500.000	50500.000	50860.000	10180.000
σ		1%	6.151	17.970	0.000	558.100	465.700	323.200	542.300	22.810
%RSD		1	1.206	3.587	0.000	1.113	0.922	0.640	1.066	0.224
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:34:31	527.900	9724.000	0.000	0.000	25880.000	53050.000	49740.000	75%	501.600
2	09:35:39	515.600	9711.000	0.000	0.000	25750.000	51600.000	49450.000	76%	499.000
3	09:36:47	520.400	9723.000	0.000	0.000	25560.000	51090.000	49170.000	76%	487.600
X		521.300	9719.000	0.000	0.000	25730.000	51920.000	49450.000	75%	496.100
σ		6.196	7.086	0.000	0.000	165.200	1018.000	286.500	1%	7.450
%RSD		1.189	0.073	0.000	0.000	0.642	1.960	0.579	1	1.502
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:34:31	500.400	498.800	51.540	25690.000	1011.000	25810.000	25930.000	498.300	502.300
2	09:35:39	492.300	491.500	48.600	25730.000	995.100	25410.000	25770.000	489.400	484.300
3	09:36:47	486.900	486.700	46.210	25110.000	989.300	25240.000	25250.000	479.100	487.600
X		493.200	492.300	48.780	25510.000	998.500	25490.000	25650.000	488.900	491.400
σ		6.827	6.069	2.673	347.600	11.390	291.700	352.000	9.589	9.573
%RSD		1.384	1.233	5.479	1.363	1.140	1.145	1.372	1.961	1.948
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:34:31	993.500	1008.000	1014.000	500.700	501.200	-1.636	489.500	500.900	1.331
2	09:35:39	994.400	993.500	990.900	488.500	484.600	-0.677	489.500	484.400	1.993
3	09:36:47	985.900	983.500	988.300	488.300	490.000	-0.661	491.000	489.600	3.792
X		991.200	994.900	997.600	492.500	491.900	-0.991	490.000	491.600	2.372
σ		4.645	12.220	13.940	7.112	8.485	0.558	0.847	8.469	1.274
%RSD		0.469	1.228	1.397	1.444	1.725	56.310	0.173	1.723	53.700
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:34:31	494.100	494.300	496.200	499.200	499.900	0.016	71%	513.200	508.400
2	09:35:39	495.200	489.600	493.100	497.500	493.500	-0.006	72%	501.200	501.600
3	09:36:47	483.100	485.800	494.300	492.200	493.900	0.002	72%	500.900	498.900
X		490.800	489.900	494.500	496.300	495.700	0.004	72%	505.100	503.000
σ		6.723	4.252	1.585	3.641	3.583	0.011	1%	6.999	4.898
%RSD		1.370	0.868	0.320	0.734	0.723	281.900	1	1.386	0.974
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:34:31	6.431	512.200	508.100	508.600	500.000	501.500	2512.000	2508.000	78%
2	09:35:39	16.170	500.300	502.400	500.600	499.600	500.400	2466.000	2494.000	79%
3	09:36:47	3.677	500.200	493.200	488.000	493.400	495.800	2465.000	2491.000	78%
X		8.760	504.300	501.200	499.100	497.700	499.200	2481.000	2498.000	78%
σ		6.566	6.903	7.520	10.340	3.693	3.023	26.690	9.187	0%
%RSD		74.950	1.369	1.500	2.072	0.742	0.605	1.076	0.368	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	09:34:31	79%	494.600	498.400	497.200	495.400	497.600	79%	524.300	
2	09:35:39	79%	495.600	499.700	497.600	495.400	496.300	80%	520.600	
3	09:36:47	80%	496.600	499.600	505.600	499.000	501.300	79%	523.100	
X		79%	495.600	499.200	500.100	496.600	498.400	79%	522.700	
σ		0%	1.006	0.694	4.715	2.103	2.593	0%	1.896	
%RSD		1	0.203	0.139	0.943	0.423	0.520	0	0.363	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:42:27	84%	-0.015	4.307	0.000	-33.730	3.314	3.108	4.339	0.014
2	09:43:35	85%	0.041	6.879	0.000	-34.270	6.822	6.668	5.735	0.924
3	09:44:43	83%	0.069	2.223	0.000	-29.480	3.409	3.933	3.885	0.344
X		84%	0.032	4.470	0.000	-32.490	4.515	4.570	4.653	0.427
σ		1%	0.043	2.332	0.000	2.621	1.999	1.864	0.964	0.461
%RSD		2	133.800	52.180	0.000	8.066	44.270	40.780	20.730	107.800
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:42:27	-0.744	1.300	0.000	0.000	-33.740	-0.201	8.727	77%	0.070
2	09:43:35	0.672	-0.184	0.000	0.000	-37.010	9.144	13.790	79%	0.323
3	09:44:43	-0.692	2.648	0.000	0.000	-35.990	3.604	12.670	78%	0.143
X		-0.255	1.255	0.000	0.000	-35.580	4.182	11.730	78%	0.178
σ		0.803	1.417	0.000	0.000	1.670	4.699	2.661	1%	0.130
%RSD		315.300	112.900	0.000	0.000	4.693	112.400	22.680	1	73.030
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:42:27	-0.207	0.146	35.290	2.827	0.054	0.181	19.700	0.019	0.104
2	09:43:35	0.037	0.094	33.250	2.074	0.108	1.302	18.090	0.042	0.213
3	09:44:43	0.134	0.104	32.000	1.829	0.022	-0.308	18.440	0.023	0.075
X		-0.012	0.115	33.510	2.244	0.061	0.392	18.740	0.028	0.131
σ		0.176	0.028	1.660	0.520	0.043	0.826	0.846	0.013	0.073
%RSD		1498.000	24.170	4.952	23.170	70.680	210.800	4.515	44.540	55.760
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:42:27	0.002	0.091	-0.021	0.270	-0.275	0.067	-0.710	-0.274	2.997
2	09:43:35	0.108	0.150	0.025	-0.200	-0.181	0.176	-0.298	-0.180	0.302
3	09:44:43	0.057	0.051	-0.023	-0.225	-0.321	0.160	-0.383	-0.320	-0.761
X		0.056	0.097	-0.006	-0.052	-0.259	0.135	-0.464	-0.258	0.846
σ		0.053	0.050	0.027	0.279	0.071	0.059	0.218	0.071	1.937
%RSD		95.930	51.580	416.600	540.500	27.540	43.810	46.930	27.580	228.900
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:42:27	0.084	0.142	0.217	0.176	0.185	-0.002	75%	1.981	0.077
2	09:43:35	0.155	0.228	0.187	0.174	0.172	-0.006	76%	-0.583	0.107
3	09:44:43	0.186	0.169	0.051	0.089	0.108	-0.002	76%	1.281	0.022
X		0.141	0.180	0.152	0.146	0.155	-0.004	76%	0.893	0.068
σ		0.052	0.044	0.089	0.049	0.041	0.002	0%	1.325	0.043
%RSD		37.090	24.470	58.510	33.760	26.520	68.010	1	148.400	62.900
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:42:27	-1.040	1.969	0.043	0.130	0.329	0.386	0.076	0.078	80%
2	09:43:35	0.333	-0.589	0.138	0.073	0.224	0.336	0.346	0.426	79%
3	09:44:43	-0.684	1.274	0.054	0.114	0.206	0.220	0.132	0.066	79%
X		-0.464	0.885	0.078	0.106	0.253	0.314	0.185	0.190	79%
σ		0.713	1.323	0.052	0.030	0.066	0.085	0.142	0.205	1%
%RSD		153.600	149.500	66.440	28.130	26.190	27.160	77.020	107.800	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	09:42:27	80%	0.137	0.137	0.028	0.015	0.031	82%	0.040	
2	09:43:35	80%	0.149	0.179	0.085	0.075	0.078	82%	0.070	
3	09:44:43	80%	0.118	0.102	0.040	0.024	0.031	82%	0.037	
X		80%	0.135	0.139	0.051	0.038	0.047	82%	0.049	
σ		0%	0.016	0.039	0.030	0.032	0.027	0%	0.018	
%RSD		0	11.640	27.720	59.410	84.530	58.420	0	36.950	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:50:24	95%	-0.033	8.140	0.000	1377.000	10300.000	10090.000	10080.000	28.430
2	09:51:32	103%	-0.027	5.509	0.000	1350.000	10060.000	9868.000	9958.000	27.430
3	09:52:40	106%	-0.065	5.963	0.000	1363.000	10170.000	9945.000	9950.000	28.130
X		102%	-0.042	6.537	0.000	1363.000	10180.000	9968.000	9997.000	28.000
σ		5%	0.021	1.406	0.000	13.650	120.100	113.100	74.850	0.515
%RSD		5	49.790	21.510	0.000	1.002	1.180	1.134	0.749	1.838
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:50:24	5064.000	26.520	0.000	0.000	1243.000	19310.000	20270.000	83%	1.353
2	09:51:32	4981.000	24.510	0.000	0.000	1329.000	19260.000	20470.000	87%	0.906
3	09:52:40	5026.000	22.740	0.000	0.000	1316.000	18990.000	20330.000	90%	1.319
X		5024.000	24.590	0.000	0.000	1296.000	19190.000	20360.000	87%	1.193
σ		41.290	1.891	0.000	0.000	46.460	175.000	104.800	4%	0.249
%RSD		0.822	7.693	0.000	0.000	3.585	0.912	0.515	4	20.880
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:50:24	-29.500	4.814	2264.000	79.800	2.475	33.140	81.550	-0.028	0.740
2	09:51:32	-24.760	5.034	2434.000	80.210	2.523	33.930	76.840	-0.022	0.975
3	09:52:40	-26.860	5.280	2475.000	78.090	2.574	33.870	78.930	-0.025	0.620
X		-27.040	5.043	2391.000	79.370	2.524	33.640	79.110	-0.025	0.778
σ		2.378	0.233	111.900	1.127	0.049	0.441	2.363	0.003	0.180
%RSD		8.796	4.616	4.681	1.420	1.953	1.310	2.987	13.150	23.190
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:50:24	5.929	5.913	15.740	-0.260	-0.637	7.840	-0.742	-0.636	7.860
2	09:51:32	5.657	5.634	16.390	-4.775	0.542	9.085	-0.684	0.544	2.487
3	09:52:40	5.634	6.197	15.720	-0.657	0.230	8.788	-0.635	0.231	0.836
X		5.740	5.915	15.950	-1.897	0.045	8.571	-0.687	0.046	3.727
σ		0.164	0.282	0.381	2.500	0.611	0.650	0.054	0.612	3.673
%RSD		2.861	4.761	2.389	131.800	1356.000	7.588	7.816	1321.000	98.530
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:50:24	0.592	0.611	0.722	0.640	0.662	-0.002	77%	-1.430	-0.005
2	09:51:32	0.949	0.779	0.701	0.675	0.736	0.001	81%	-1.395	-0.009
3	09:52:40	0.781	0.794	0.632	0.639	0.758	0.013	84%	-0.264	0.004
X		0.774	0.728	0.685	0.651	0.718	0.004	81%	-1.030	-0.004
σ		0.178	0.102	0.047	0.021	0.050	0.008	4%	0.663	0.007
%RSD		23.050	13.970	6.860	3.172	6.980	196.900	4	64.430	182.500
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:50:24	0.706	-1.441	0.009	-0.022	1.138	0.249	21.960	23.210	82%
2	09:51:32	0.746	-1.406	-0.003	-0.073	0.746	0.173	22.520	22.610	87%
3	09:52:40	0.108	-0.274	0.000	0.064	0.708	0.101	23.040	22.940	88%
X		0.520	-1.040	0.002	-0.010	0.864	0.175	22.500	22.920	86%
σ		0.357	0.664	0.006	0.069	0.238	0.074	0.542	0.302	3%
%RSD		68.670	63.840	265.500	674.900	27.560	42.340	2.408	1.317	4
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	09:50:24	83%	0.091	0.077	0.654	0.630	0.672	84%	0.128	
2	09:51:32	87%	0.068	0.058	0.648	0.618	0.627	87%	0.121	
3	09:52:40	89%	0.036	0.037	0.613	0.592	0.608	89%	0.124	
X		86%	0.065	0.057	0.638	0.613	0.636	87%	0.125	
σ		3%	0.027	0.020	0.022	0.019	0.033	2%	0.004	
%RSD		3	42.090	35.290	3.486	3.153	5.178	3	2.859	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:58:21	106%	-0.075	5.928	0.000	1888.000	9592.000	9356.000	9405.000	6.976
2	09:59:29	107%	-0.011	4.542	0.000	1854.000	9542.000	9276.000	9447.000	6.821
3	10:00:37	106%	-0.038	5.952	0.000	1897.000	9848.000	9542.000	9615.000	7.098
X		106%	-0.041	5.474	0.000	1880.000	9660.000	9391.000	9489.000	6.965
σ		0%	0.032	0.807	0.000	22.850	164.000	136.700	111.300	0.139
%RSD		0	78.520	14.750	0.000	1.216	1.698	1.456	1.173	1.994
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:58:21	4735.000	21.340	0.000	0.000	1217.000	18090.000	18910.000	90%	0.842
2	09:59:29	4739.000	23.450	0.000	0.000	1264.000	17640.000	18940.000	92%	0.471
3	10:00:37	4855.000	24.500	0.000	0.000	1296.000	17910.000	18950.000	92%	0.724
X		4776.000	23.100	0.000	0.000	1259.000	17880.000	18930.000	91%	0.679
σ		68.330	1.614	0.000	0.000	39.620	225.300	19.280	1%	0.190
%RSD		1.431	6.987	0.000	0.000	3.147	1.260	0.102	1	27.960
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:58:21	-38.880	5.108	2470.000	67.180	1.832	24.600	61.950	-0.033	0.623
2	09:59:29	-27.360	5.157	2519.000	64.450	1.878	24.460	53.680	-0.025	0.567
3	10:00:37	-29.100	5.343	2582.000	69.350	1.850	24.790	60.080	-0.018	0.662
X		-31.780	5.203	2524.000	66.990	1.854	24.620	58.570	-0.025	0.617
σ		6.212	0.124	56.360	2.455	0.023	0.164	4.340	0.007	0.048
%RSD		19.550	2.385	2.233	3.664	1.248	0.667	7.411	29.300	7.788
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:58:21	5.386	5.451	11.660	-1.651	0.273	9.125	-0.852	0.275	2.511
2	09:59:29	5.503	5.966	10.890	-1.137	-0.392	9.557	-1.021	-0.391	7.028
3	10:00:37	5.499	5.661	11.050	0.445	0.260	9.543	-0.744	0.261	2.790
X		5.463	5.693	11.200	-0.781	0.047	9.408	-0.872	0.048	4.110
σ		0.067	0.259	0.407	1.092	0.380	0.245	0.140	0.381	2.531
%RSD		1.221	4.554	3.630	139.900	810.800	2.608	16.030	790.500	61.590
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:58:21	0.709	0.585	0.585	0.684	0.719	-0.006	83%	-0.987	-0.007
2	09:59:29	0.812	0.608	0.596	0.668	0.571	-0.003	85%	-2.266	-0.019
3	10:00:37	0.767	0.628	0.648	0.693	0.565	-0.006	86%	-0.952	-0.013
X		0.763	0.607	0.610	0.681	0.618	-0.005	85%	-1.402	-0.013
σ		0.052	0.022	0.033	0.013	0.087	0.002	1%	0.748	0.006
%RSD		6.828	3.546	5.461	1.893	14.100	41.990	2	53.400	49.000
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	09:58:21	0.594	-0.999	-0.016	-0.030	0.530	0.015	20.610	20.750	90%
2	09:59:29	1.189	-2.276	0.007	-0.102	0.466	0.011	20.360	20.440	91%
3	10:00:37	0.461	-0.963	-0.000	-0.024	0.469	0.031	20.740	21.230	92%
X		0.748	-1.413	-0.003	-0.052	0.488	0.019	20.570	20.810	91%
σ		0.388	0.748	0.011	0.043	0.036	0.010	0.195	0.396	1%
%RSD		51.810	52.910	368.700	84.110	7.374	54.040	0.948	1.904	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	09:58:21	90%	0.006	0.006	0.511	0.488	0.515	88%	0.117	
2	09:59:29	91%	0.008	0.010	0.562	0.451	0.508	91%	0.111	
3	10:00:37	93%	0.002	-0.004	0.532	0.463	0.491	92%	0.118	
X		91%	0.006	0.004	0.535	0.467	0.505	90%	0.115	
σ		1%	0.003	0.007	0.026	0.019	0.012	2%	0.004	
%RSD		2	56.360	182.200	4.791	4.076	2.421	2	3.156	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:06:19	94%	-0.022	-0.227	0.000	219.000	2043.000	2035.000	2041.000	5.924
2	10:07:27	93%	-0.031	0.729	0.000	227.500	2131.000	2126.000	2130.000	5.745
3	10:08:35	96%	-0.074	0.924	0.000	216.600	2076.000	2067.000	2101.000	5.937
X		94%	-0.042	0.475	0.000	221.000	2083.000	2076.000	2091.000	5.869
σ		1%	0.028	0.616	0.000	5.743	44.730	45.780	45.110	0.107
%RSD		1	65.000	129.700	0.000	2.598	2.147	2.205	2.158	1.830
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:06:19	1047.000	-0.024	0.000	0.000	212.800	3891.000	4129.000	86%	0.412
2	10:07:27	1085.000	3.823	0.000	0.000	224.900	4194.000	4261.000	85%	0.217
3	10:08:35	1069.000	3.358	0.000	0.000	221.500	4009.000	4224.000	85%	0.317
X		1067.000	2.386	0.000	0.000	219.700	4032.000	4205.000	85%	0.316
σ		19.160	2.100	0.000	0.000	6.255	152.700	68.200	1%	0.097
%RSD		1.796	88.030	0.000	0.000	2.847	3.788	1.622	1	30.880
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:06:19	-8.914	1.181	566.900	15.680	0.523	12.170	16.760	-0.006	0.262
2	10:07:27	-7.116	1.255	585.100	16.310	0.494	12.800	14.350	-0.025	0.138
3	10:08:35	-5.598	1.272	581.000	18.350	0.505	12.330	14.650	-0.025	0.188
X		-7.209	1.236	577.600	16.780	0.507	12.440	15.250	-0.019	0.196
σ		1.660	0.048	9.518	1.397	0.015	0.329	1.312	0.011	0.062
%RSD		23.030	3.911	1.648	8.326	2.861	2.643	8.604	56.850	31.660
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:06:19	1.190	1.214	3.695	0.110	0.281	1.914	-1.035	0.281	1.656
2	10:07:27	1.297	1.166	3.695	-0.267	0.031	1.983	-0.575	0.032	1.219
3	10:08:35	1.241	1.285	3.599	-0.084	-0.656	1.931	-0.261	-0.654	5.765
X		1.243	1.222	3.663	-0.080	-0.115	1.943	-0.624	-0.114	2.880
σ		0.054	0.060	0.056	0.188	0.485	0.036	0.389	0.484	2.508
%RSD		4.306	4.871	1.516	234.800	422.800	1.863	62.410	424.700	87.090
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:06:19	0.171	0.159	0.065	0.115	0.107	-0.006	84%	0.545	0.000
2	10:07:27	0.089	0.088	0.093	0.119	0.107	-0.006	82%	-0.497	-0.022
3	10:08:35	0.125	0.081	0.091	0.126	0.096	-0.003	83%	0.758	-0.017
X		0.128	0.109	0.083	0.120	0.103	-0.005	83%	0.269	-0.013
σ		0.041	0.044	0.016	0.005	0.007	0.002	1%	0.672	0.012
%RSD		31.870	39.850	18.850	4.422	6.416	43.500	1	250.100	90.120
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:06:19	-0.306	0.536	0.007	0.034	0.045	-0.050	4.455	4.230	88%
2	10:07:27	0.285	-0.506	-0.004	-0.044	0.018	-0.071	4.532	4.608	86%
3	10:08:35	-0.300	0.748	-0.001	0.047	0.074	-0.073	4.641	4.315	88%
X		-0.107	0.260	0.001	0.012	0.046	-0.065	4.543	4.385	87%
σ		0.340	0.671	0.006	0.049	0.028	0.013	0.094	0.198	1%
%RSD		317.800	258.700	995.700	399.900	61.800	19.470	2.065	4.522	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:06:19	88%	-0.004	0.009	0.119	0.129	0.138	89%	0.024	
2	10:07:27	86%	0.002	-0.010	0.141	0.138	0.130	87%	0.012	
3	10:08:35	88%	0.001	-0.012	0.106	0.102	0.102	88%	0.016	
X		87%	-0.000	-0.004	0.122	0.123	0.124	88%	0.018	
σ		1%	0.003	0.012	0.018	0.019	0.019	1%	0.006	
%RSD		1	879.000	260.300	14.370	15.540	15.110	1	35.760	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:14:16	105%	15.870	28.910	0.000	1936.000	9436.000	9173.000	9261.000	181.700
2	10:15:24	110%	15.860	27.510	0.000	1965.000	9477.000	9199.000	9344.000	180.300
3	10:16:32	108%	16.100	32.830	0.000	1915.000	9403.000	9169.000	9238.000	179.000
X		108%	15.940	29.750	0.000	1939.000	9439.000	9180.000	9281.000	180.300
σ		2%	0.132	2.758	0.000	25.180	37.140	16.520	55.900	1.369
%RSD		2	0.829	9.271	0.000	1.299	0.394	0.180	0.602	0.759
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:14:16	4827.000	492.500	0.000	0.000	2138.000	18010.000	18480.000	88%	17.030
2	10:15:24	4856.000	493.200	0.000	0.000	2158.000	17770.000	18710.000	89%	17.430
3	10:16:32	4784.000	482.300	0.000	0.000	2101.000	17290.000	18630.000	91%	16.690
X		4822.000	489.300	0.000	0.000	2132.000	17690.000	18610.000	89%	17.050
σ		36.050	6.108	0.000	0.000	28.680	368.500	115.200	2%	0.372
%RSD		0.748	1.248	0.000	0.000	1.345	2.083	0.619	2	2.183
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:14:16	-7.373	36.830	2512.000	315.400	18.410	272.300	302.600	16.580	40.680
2	10:15:24	-4.571	37.050	2681.000	313.700	18.490	279.600	314.800	16.660	40.790
3	10:16:32	-8.083	36.610	2679.000	306.300	17.980	270.500	300.200	16.380	39.530
X		-6.676	36.830	2624.000	311.800	18.300	274.100	305.900	16.540	40.340
σ		1.857	0.217	96.790	4.834	0.272	4.812	7.812	0.144	0.695
%RSD		27.820	0.590	3.689	1.550	1.484	1.755	2.554	0.869	1.724
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:14:16	29.340	30.810	30.590	63.410	160.200	8.918	160.700	160.400	4.604
2	10:15:24	29.930	30.320	30.240	65.200	164.000	9.558	160.500	164.100	-1.708
3	10:16:32	29.650	29.670	30.690	65.440	159.300	9.205	160.400	159.600	1.972
X		29.640	30.270	30.510	64.680	161.200	9.227	160.500	161.300	1.623
σ		0.295	0.573	0.235	1.108	2.479	0.321	0.160	2.397	3.171
%RSD		0.997	1.893	0.770	1.713	1.538	3.477	0.100	1.486	195.400
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:14:16	32.630	32.210	33.380	33.250	33.530	0.005	83%	16.040	6.898
2	10:15:24	32.310	33.010	33.110	33.730	33.300	-0.006	83%	16.420	6.854
3	10:16:32	32.310	32.550	33.280	33.550	32.580	0.005	85%	16.100	6.721
X		32.420	32.590	33.260	33.510	33.140	0.001	84%	16.190	6.824
σ		0.186	0.401	0.135	0.239	0.495	0.007	1%	0.207	0.092
%RSD		0.575	1.232	0.405	0.713	1.495	544.300	1	1.282	1.350
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:14:16	2.126	16.010	6.627	17.160	58.870	66.000	37.440	37.180	88%
2	10:15:24	1.952	16.400	6.813	17.250	58.270	66.260	37.460	37.120	89%
3	10:16:32	1.737	16.070	6.791	16.870	58.550	64.900	36.610	37.140	91%
X		1.938	16.160	6.744	17.090	58.560	65.720	37.170	37.150	89%
σ		0.195	0.208	0.102	0.196	0.299	0.721	0.482	0.032	1%
%RSD		10.050	1.286	1.510	1.144	0.511	1.096	1.297	0.087	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:14:16	90%	168.200	167.700	86.290	86.190	86.530	88%	0.112	
2	10:15:24	90%	170.900	171.900	88.250	87.750	88.370	88%	0.111	
3	10:16:32	91%	170.200	172.100	87.180	86.800	87.090	90%	0.109	
X		90%	169.800	170.600	87.240	86.910	87.330	89%	0.111	
σ		1%	1.374	2.520	0.981	0.784	0.941	1%	0.002	
%RSD		1	0.809	1.477	1.124	0.902	1.078	1	1.673	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:22:14	105%	17.710	32.390	0.000	2008.000	10120.000	9865.000	9925.000	204.500
2	10:23:23	108%	16.770	30.720	0.000	2017.000	9979.000	9682.000	9776.000	201.300
3	10:24:31	105%	16.410	32.210	0.000	2024.000	10140.000	9895.000	9939.000	203.800
X		106%	16.960	31.770	0.000	2016.000	10080.000	9814.000	9880.000	203.200
σ		1%	0.673	0.913	0.000	7.993	89.650	115.100	90.230	1.690
%RSD		1	3.968	2.875	0.000	0.397	0.889	1.172	0.913	0.832
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:22:14	4991.000	523.500	0.000	0.000	2197.000	18370.000	19610.000	88%	17.560
2	10:23:23	4897.000	515.100	0.000	0.000	2144.000	18540.000	19370.000	90%	18.240
3	10:24:31	5063.000	517.700	0.000	0.000	2162.000	18470.000	19470.000	90%	18.530
X		4984.000	518.800	0.000	0.000	2168.000	18460.000	19480.000	89%	18.110
σ		83.090	4.269	0.000	0.000	26.950	83.810	116.900	1%	0.496
%RSD		1.667	0.823	0.000	0.000	1.243	0.454	0.600	1	2.741
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:22:14	0.702	40.170	2686.000	341.400	19.140	299.400	329.000	17.650	43.620
2	10:23:23	-1.187	39.710	2762.000	339.300	18.730	292.900	327.000	17.410	43.080
3	10:24:31	-2.822	39.700	2802.000	334.200	19.120	293.500	340.100	17.200	42.150
X		-1.102	39.860	2750.000	338.300	18.990	295.300	332.100	17.420	42.950
σ		1.763	0.268	58.810	3.658	0.233	3.594	7.067	0.226	0.747
%RSD		159.900	0.671	2.139	1.081	1.228	1.217	2.128	1.300	1.740
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:22:14	31.410	32.850	26.920	66.320	167.100	9.821	168.300	167.400	-0.237
2	10:23:23	32.080	31.780	25.500	64.700	167.400	10.350	171.400	167.800	3.818
3	10:24:31	31.480	32.200	25.760	68.660	167.400	9.852	166.400	167.600	0.820
X		31.660	32.270	26.060	66.560	167.300	10.010	168.700	167.600	1.467
σ		0.369	0.536	0.755	1.990	0.188	0.299	2.524	0.197	2.103
%RSD		1.167	1.662	2.899	2.990	0.112	2.987	1.496	0.117	143.400
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:22:14	34.190	35.020	35.450	35.700	34.520	0.009	82%	16.900	6.892
2	10:23:23	36.070	34.330	34.640	35.060	34.840	0.005	83%	16.290	6.895
3	10:24:31	34.330	35.500	34.640	33.750	34.340	0.001	84%	15.990	6.984
X		34.860	34.950	34.910	34.840	34.570	0.005	83%	16.390	6.924
σ		1.050	0.585	0.469	0.998	0.253	0.004	1%	0.464	0.052
%RSD		3.010	1.675	1.344	2.865	0.731	77.490	1	2.829	0.752
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:22:14	1.648	16.870	6.832	18.000	62.280	70.370	39.070	38.270	88%
2	10:23:23	1.674	16.260	7.014	17.870	63.460	70.130	38.210	38.720	89%
3	10:24:31	1.781	15.960	6.683	18.070	62.000	69.170	38.880	38.590	90%
X		1.701	16.360	6.843	17.980	62.580	69.890	38.720	38.530	89%
σ		0.071	0.460	0.166	0.101	0.771	0.633	0.450	0.233	1%
%RSD		4.152	2.814	2.425	0.559	1.232	0.905	1.162	0.603	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:22:14	88%	173.300	174.800	89.670	89.390	89.350	88%	0.122	
2	10:23:23	89%	176.800	178.700	90.340	90.060	89.720	88%	0.109	
3	10:24:31	90%	174.700	177.100	88.720	88.590	89.320	89%	0.123	
X		89%	174.900	176.900	89.580	89.350	89.460	88%	0.118	
σ		1%	1.764	1.978	0.815	0.732	0.223	1%	0.008	
%RSD		1	1.009	1.118	0.909	0.819	0.249	1	6.387	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:30:13	105%	18.340	32.650	0.000	1665.000	10430.000	10160.000	10250.000	221.600
2	10:31:21	107%	18.540	32.950	0.000	1638.000	10430.000	10150.000	10140.000	222.900
3	10:32:29	107%	18.160	29.880	0.000	1654.000	10380.000	10350.000	10130.000	219.600
X		106%	18.350	31.820	0.000	1652.000	10410.000	10220.000	10170.000	221.400
σ		1%	0.193	1.690	0.000	13.940	27.690	112.200	69.480	1.646
%RSD		1	1.049	5.312	0.000	0.844	0.266	1.097	0.683	0.744
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:30:13	5131.000	578.600	0.000	0.000	2325.000	19530.000	20670.000	88%	20.190
2	10:31:21	5136.000	560.900	0.000	0.000	2281.000	19360.000	20510.000	90%	19.100
3	10:32:29	5093.000	553.000	0.000	0.000	2289.000	19330.000	20300.000	90%	20.700
X		5120.000	564.200	0.000	0.000	2298.000	19410.000	20490.000	90%	20.000
σ		23.300	13.090	0.000	0.000	23.240	105.800	187.600	1%	0.820
%RSD		0.455	2.321	0.000	0.000	1.011	0.545	0.916	1	4.101
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:30:13	-3.466	42.530	2754.000	369.600	21.930	325.900	368.200	19.000	47.170
2	10:31:21	0.441	42.610	2810.000	361.400	21.600	323.100	350.400	18.860	45.510
3	10:32:29	-7.569	42.310	2827.000	373.000	21.730	323.400	358.300	18.960	46.870
X		-3.532	42.480	2797.000	368.000	21.750	324.100	358.900	18.940	46.520
σ		4.005	0.159	38.290	5.965	0.166	1.519	8.929	0.069	0.884
%RSD		113.400	0.374	1.369	1.621	0.763	0.469	2.488	0.364	1.900
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:30:13	33.850	34.790	35.330	73.880	186.800	9.746	182.500	187.000	4.021
2	10:31:21	34.390	34.050	35.050	73.280	185.000	10.010	179.700	185.100	-0.236
3	10:32:29	33.840	33.820	34.440	73.210	181.800	10.190	178.300	182.000	-0.891
X		34.020	34.220	34.940	73.460	184.500	9.982	180.200	184.700	0.965
σ		0.314	0.505	0.457	0.366	2.517	0.223	2.155	2.547	2.667
%RSD		0.923	1.476	1.307	0.498	1.364	2.229	1.196	1.379	276.500
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:30:13	38.570	37.360	39.180	38.720	38.490	0.005	82%	18.060	7.503
2	10:31:21	36.840	36.920	37.950	37.990	37.910	-0.006	85%	20.180	7.451
3	10:32:29	38.420	37.630	37.850	40.030	38.050	-0.003	85%	16.950	7.405
X		37.940	37.300	38.320	38.910	38.150	-0.001	84%	18.390	7.453
σ		0.963	0.357	0.740	1.037	0.300	0.006	1%	1.640	0.049
%RSD		2.537	0.956	1.931	2.664	0.786	466.500	2	8.914	0.656
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:30:13	1.210	18.020	7.614	19.910	67.770	75.580	41.620	41.230	89%
2	10:31:21	0.433	20.150	7.311	19.780	67.100	74.810	40.860	42.700	90%
3	10:32:29	0.783	16.920	7.435	20.230	67.700	75.190	41.650	41.480	91%
X		0.809	18.360	7.453	19.970	67.520	75.190	41.380	41.800	90%
σ		0.390	1.644	0.152	0.233	0.364	0.383	0.452	0.787	1%
%RSD		48.170	8.952	2.038	1.164	0.540	0.510	1.093	1.884	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:30:13	89%	192.900	193.900	97.800	97.050	97.580	88%	0.119	
2	10:31:21	90%	191.000	193.200	98.420	97.830	97.920	90%	0.119	
3	10:32:29	93%	191.700	193.800	97.470	96.720	96.960	92%	0.121	
X		91%	191.900	193.600	97.900	97.200	97.490	90%	0.120	
σ		2%	0.973	0.359	0.482	0.572	0.485	2%	0.001	
%RSD		2	0.507	0.186	0.492	0.588	0.498	2	0.724	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:38:12	97%	-0.003	0.447	0.000	-78.170	15.850	15.500	14.350	-0.468
2	10:39:20	94%	-0.001	-0.528	0.000	-73.840	6.089	5.505	5.748	-0.817
3	10:40:28	93%	-0.032	-0.198	0.000	-70.850	5.888	5.180	5.996	-0.800
X		95%	-0.012	-0.093	0.000	-74.290	9.275	8.727	8.697	-0.695
σ		2%	0.017	0.496	0.000	3.683	5.693	5.864	4.895	0.197
%RSD		2	141.900	533.200	0.000	4.958	61.380	67.190	56.280	28.310
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:38:12	10.980	-3.209	0.000	0.000	-52.090	28.610	37.350	86%	-0.125
2	10:39:20	5.755	-5.001	0.000	0.000	-50.830	20.080	20.210	85%	-0.159
3	10:40:28	4.364	-0.822	0.000	0.000	-46.360	11.580	21.520	85%	0.115
X		7.032	-3.011	0.000	0.000	-49.760	20.090	26.360	85%	-0.056
σ		3.487	2.097	0.000	0.000	3.010	8.516	9.541	1%	0.150
%RSD		49.580	69.640	0.000	0.000	6.049	42.390	36.200	1	265.900
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:38:12	-2.405	0.300	136.400	0.174	-0.032	5.428	4.980	0.004	0.203
2	10:39:20	-1.717	0.262	118.200	2.779	-0.036	5.458	1.605	-0.021	0.110
3	10:40:28	-0.592	0.195	106.500	0.591	-0.017	6.039	5.137	-0.017	0.060
X		-1.571	0.252	120.400	1.181	-0.028	5.641	3.907	-0.011	0.124
σ		0.915	0.053	15.070	1.399	0.010	0.345	1.996	0.014	0.072
%RSD		58.250	21.020	12.520	118.400	33.810	6.109	51.070	120.300	58.120
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:38:12	-0.010	0.004	-0.059	0.309	0.577	0.431	-0.053	0.575	1.635
2	10:39:20	-0.051	-0.003	-0.003	-0.259	-0.398	0.502	-0.676	-0.397	3.004
3	10:40:28	-0.040	0.034	-0.147	-0.143	0.247	0.412	-0.577	0.247	-1.142
X		-0.033	0.011	-0.070	-0.031	0.142	0.449	-0.435	0.142	1.166
σ		0.021	0.020	0.073	0.300	0.496	0.047	0.335	0.494	2.113
%RSD		62.900	173.700	104.100	964.400	349.200	10.540	76.920	348.300	181.200
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:38:12	0.094	0.042	0.040	-0.038	0.036	0.001	84%	-0.449	-0.007
2	10:39:20	-0.028	0.026	0.025	-0.072	0.005	-0.006	84%	0.464	-0.019
3	10:40:28	-0.017	-0.010	0.022	-0.045	0.019	0.001	82%	0.982	-0.038
X		0.016	0.019	0.029	-0.052	0.020	-0.001	83%	0.332	-0.021
σ		0.068	0.027	0.009	0.018	0.016	0.004	1%	0.725	0.016
%RSD		414.100	138.800	32.520	34.250	80.380	349.400	1	218.100	73.720
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:38:12	0.258	-0.455	-0.007	-0.013	0.062	0.050	-0.003	-0.078	87%
2	10:39:20	-0.266	0.457	-0.024	0.023	-0.000	-0.039	-0.053	-0.113	87%
3	10:40:28	-0.530	0.974	-0.015	0.107	-0.003	-0.049	-0.063	-0.112	86%
X		-0.179	0.325	-0.016	0.039	0.020	-0.013	-0.039	-0.101	87%
σ		0.401	0.723	0.009	0.062	0.037	0.055	0.032	0.020	0%
%RSD		223.500	222.200	56.850	159.500	189.000	424.700	81.740	19.510	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:38:12	88%	0.601	0.595	0.153	0.149	0.146	90%	-0.024	
2	10:39:20	87%	0.370	0.360	0.030	0.056	0.048	89%	-0.024	
3	10:40:28	86%	0.354	0.350	0.045	0.033	0.047	88%	-0.024	
X		87%	0.442	0.435	0.076	0.079	0.080	89%	-0.024	
σ		1%	0.138	0.139	0.067	0.062	0.057	1%	0.000	
%RSD		1	31.300	31.850	88.120	77.560	71.340	1	1.631	

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User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:46:12	92%	-0.052	-0.779	0.000	-64.000	5.236	5.309	4.707	-0.892
2	10:47:20	92%	-0.073	-0.934	0.000	-65.530	1.970	3.332	2.095	-0.947
3	10:48:29	91%	-0.062	-1.687	0.000	-62.310	0.529	0.006	0.289	-0.852
X		92%	-0.063	-1.133	0.000	-63.950	2.578	2.882	2.363	-0.897
σ		1%	0.011	0.486	0.000	1.613	2.412	2.680	2.221	0.048
%RSD		1	16.850	42.870	0.000	2.522	93.550	92.990	93.980	5.335
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:46:12	5.507	-3.210	0.000	0.000	-44.950	22.490	18.960	83%	-0.019
2	10:47:20	3.118	-6.569	0.000	0.000	-48.750	9.953	13.180	84%	-0.193
3	10:48:29	2.101	-6.414	0.000	0.000	-45.500	6.537	14.970	83%	-0.018
X		3.575	-5.398	0.000	0.000	-46.400	12.990	15.700	83%	-0.077
σ		1.749	1.896	0.000	0.000	2.053	8.402	2.962	0%	0.100
%RSD		48.910	35.130	0.000	0.000	4.426	64.660	18.860	0	130.800
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:46:12	-0.891	0.203	72.640	0.177	-0.033	6.170	6.039	0.004	0.116
2	10:47:20	-0.256	0.175	64.570	-0.434	-0.062	6.164	6.908	-0.027	0.063
3	10:48:29	-0.249	0.224	60.940	-2.572	-0.048	6.660	6.361	-0.025	0.082
X		-0.465	0.201	66.050	-0.943	-0.048	6.331	6.436	-0.016	0.087
σ		0.369	0.024	5.986	1.443	0.015	0.285	0.439	0.017	0.027
%RSD		79.300	12.130	9.063	153.000	31.250	4.499	6.825	107.000	30.980
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:46:12	-0.007	-0.008	-0.126	0.319	-0.404	0.196	-0.476	-0.402	4.459
2	10:47:20	-0.031	-0.045	-0.145	-0.057	-0.448	0.241	-0.991	-0.447	0.768
3	10:48:29	-0.034	-0.030	-0.181	-0.390	-1.069	0.276	-0.439	-1.067	5.979
X		-0.024	-0.028	-0.151	-0.043	-0.640	0.238	-0.635	-0.639	3.735
σ		0.015	0.018	0.028	0.355	0.372	0.040	0.308	0.372	2.680
%RSD		62.790	65.800	18.730	833.600	58.110	16.970	48.570	58.180	71.740
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:46:12	0.003	-0.021	-0.038	-0.045	-0.010	-0.002	81%	0.668	-0.011
2	10:47:20	0.014	-0.004	-0.022	-0.035	-0.007	0.006	80%	-0.122	-0.036
3	10:48:29	-0.005	-0.037	-0.033	-0.026	-0.024	-0.002	80%	1.164	-0.027
X		0.004	-0.020	-0.031	-0.035	-0.014	0.000	80%	0.570	-0.025
σ		0.010	0.017	0.008	0.009	0.009	0.005	1%	0.648	0.013
%RSD		244.700	81.870	25.810	26.110	64.870	1850.000	1	113.800	51.940
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:46:12	-0.371	0.662	-0.006	0.035	-0.045	-0.027	-0.082	-0.094	84%
2	10:47:20	0.035	-0.130	-0.015	-0.016	-0.044	-0.066	-0.082	-0.112	84%
3	10:48:29	-0.623	1.155	-0.022	0.047	-0.049	-0.087	-0.114	-0.130	84%
X		-0.320	0.562	-0.014	0.022	-0.046	-0.060	-0.093	-0.112	84%
σ		0.332	0.648	0.008	0.034	0.003	0.030	0.018	0.018	0%
%RSD		103.900	115.300	57.410	154.900	6.042	50.180	19.730	15.930	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:46:12	85%	0.274	0.279	0.038	0.059	0.054	87%	-0.023	
2	10:47:20	84%	0.197	0.187	0.003	0.018	0.011	86%	-0.024	
3	10:48:29	84%	0.143	0.163	-0.009	-0.006	-0.007	86%	-0.024	
X		84%	0.204	0.209	0.011	0.023	0.019	86%	-0.024	
σ		1%	0.066	0.061	0.025	0.033	0.032	0%	0.001	
%RSD		1	32.150	29.270	234.700	139.200	162.200	0	2.831	

CCV 04/30/2011 10:53:04 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:54:12	85%	495.200	481.000	0.000	50300.000	50030.000	49950.000	50860.000	10120.000
2	10:55:21	81%	524.500	493.000	0.000	51410.000	51310.000	51030.000	51280.000	10230.000
3	10:56:29	82%	504.000	480.900	0.000	49890.000	50190.000	50480.000	50030.000	10080.000
X		83%	507.900	485.000	0.000	50530.000	50510.000	50490.000	50730.000	10140.000
σ		2%	15.040	6.944	0.000	784.100	699.700	540.300	636.000	76.430
%RSD		2	2.961	1.432	0.000	1.552	1.385	1.070	1.254	0.753
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:54:12	499.000	9614.000	0.000	0.000	25730.000	52430.000	50440.000	75%	494.000
2	10:55:21	527.600	9772.000	0.000	0.000	25710.000	52410.000	49340.000	76%	490.000
3	10:56:29	514.100	9500.000	0.000	0.000	25030.000	50210.000	48650.000	78%	488.700
X		513.600	9629.000	0.000	0.000	25490.000	51680.000	49480.000	76%	490.900
σ		14.350	136.200	0.000	0.000	396.400	1275.000	902.800	1%	2.753
%RSD		2.795	1.414	0.000	0.000	1.555	2.467	1.825	2	0.561
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:54:12	499.800	500.900	47.150	25630.000	1002.000	25850.000	25940.000	495.300	495.100
2	10:55:21	494.100	495.700	46.560	25650.000	990.700	25380.000	25490.000	489.000	492.000
3	10:56:29	487.300	483.200	39.540	24800.000	980.800	24880.000	24920.000	476.000	474.800
X		493.700	493.300	44.420	25360.000	991.000	25370.000	25450.000	486.800	487.300
σ		6.252	9.121	4.230	486.800	10.450	483.400	513.600	9.825	10.920
%RSD		1.266	1.849	9.524	1.920	1.054	1.905	2.018	2.018	2.242
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:54:12	997.100	983.700	1007.000	493.500	495.900	-1.103	490.000	495.000	1.144
2	10:55:21	1008.000	1005.000	1001.000	490.500	494.600	-1.316	490.600	494.100	3.426
3	10:56:29	976.900	962.900	984.300	483.300	476.100	-0.292	478.000	476.900	6.713
X		994.100	983.900	997.500	489.100	488.900	-0.904	486.200	488.700	3.761
σ		15.820	21.110	11.780	5.234	11.070	0.540	7.109	10.220	2.799
%RSD		1.592	2.145	1.181	1.070	2.265	59.800	1.462	2.091	74.430
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:54:12	493.800	495.800	490.000	497.500	491.300	0.002	73%	488.500	495.900
2	10:55:21	491.500	493.900	491.700	495.600	493.200	0.002	72%	498.300	498.900
3	10:56:29	493.300	492.600	498.400	491.100	491.700	0.011	72%	502.100	503.400
X		492.900	494.100	493.400	494.700	492.100	0.005	72%	496.300	499.400
σ		1.176	1.611	4.433	3.318	1.032	0.005	0%	7.053	3.784
%RSD		0.239	0.326	0.899	0.671	0.210	95.540	0	1.421	0.758
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	10:54:12	21.490	487.700	498.700	494.900	496.700	495.000	2491.000	2483.000	79%
2	10:55:21	20.300	497.400	500.100	499.000	500.400	496.200	2502.000	2491.000	80%
3	10:56:29	15.330	501.000	501.900	499.500	502.300	500.800	2479.000	2482.000	80%
X		19.040	495.400	500.200	497.800	499.800	497.300	2491.000	2485.000	80%
σ		3.266	6.902	1.601	2.508	2.871	3.063	11.820	5.082	0%
%RSD		17.150	1.393	0.320	0.504	0.574	0.616	0.475	0.204	1
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	10:54:12	79%	497.000	495.500	500.600	501.900	499.600	80%	524.800	
2	10:55:21	81%	489.700	494.600	496.000	496.400	496.900	81%	523.100	
3	10:56:29	81%	493.100	496.500	499.400	498.100	499.000	81%	521.100	
X		80%	493.300	495.500	498.700	498.800	498.500	80%	523.000	
σ		1%	3.650	0.966	2.393	2.809	1.413	1%	1.848	
%RSD		1	0.740	0.195	0.480	0.563	0.283	1	0.353	

CCB 04/30/2011 11:01:05 AM

User Pre-dilution: 1.000

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:02:14	85%	0.247	5.746	0.000	4.637	33.020	33.320	34.090	5.421
2	11:03:22	87%	0.241	3.789	0.000	-19.280	20.340	18.970	20.040	3.539
3	11:04:31	85%	0.133	3.407	0.000	-27.450	9.747	9.312	11.550	1.563
X		86%	0.207	4.314	0.000	-14.030	21.040	20.540	21.890	3.508
σ		1%	0.064	1.255	0.000	16.680	11.650	12.080	11.390	1.929
%RSD		1	31.060	29.080	0.000	118.800	55.400	58.830	52.010	55.000
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:02:14	0.504	4.979	0.000	0.000	-19.260	26.210	36.590	78%	0.435
2	11:03:22	-0.613	0.684	0.000	0.000	-35.120	31.270	28.400	80%	-0.011
3	11:04:31	1.948	0.477	0.000	0.000	-36.360	10.970	15.190	79%	0.284
X		0.613	2.047	0.000	0.000	-30.250	22.810	26.730	79%	0.236
σ		1.284	2.541	0.000	0.000	9.534	10.570	10.800	1%	0.227
%RSD		209.500	124.200	0.000	0.000	31.520	46.320	40.410	1	96.150
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:02:14	0.030	0.415	32.790	16.170	0.555	12.760	26.280	0.302	0.493
2	11:03:22	-0.015	0.218	30.250	10.880	0.311	7.466	23.240	0.193	0.136
3	11:04:31	0.524	0.148	28.780	6.164	0.123	2.850	19.130	0.084	0.239
X		0.180	0.260	30.610	11.070	0.330	7.690	22.880	0.193	0.289
σ		0.299	0.138	2.029	5.008	0.216	4.956	3.591	0.109	0.184
%RSD		166.600	53.090	6.630	45.220	65.580	64.450	15.690	56.560	63.570
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:02:14	0.729	0.644	0.633	0.363	-0.600	0.102	-0.267	-0.598	4.612
2	11:03:22	0.407	0.501	0.269	0.239	-0.274	0.103	-0.380	-0.273	1.348
3	11:04:31	0.188	0.179	0.141	0.333	0.233	0.066	0.192	0.233	-0.179
X		0.441	0.441	0.348	0.312	-0.214	0.091	-0.152	-0.213	1.927
σ		0.272	0.238	0.255	0.065	0.420	0.021	0.303	0.419	2.447
%RSD		61.670	54.000	73.430	20.730	196.500	23.220	199.400	196.800	127.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:02:14	0.445	0.379	0.540	0.591	0.435	-0.006	76%	1.796	0.404
2	11:03:22	0.352	0.374	0.253	0.314	0.285	-0.002	76%	1.483	0.218
3	11:04:31	0.080	0.166	0.135	0.280	0.200	0.002	77%	1.903	0.097
X		0.292	0.306	0.309	0.395	0.307	-0.002	76%	1.727	0.239
σ		0.190	0.122	0.208	0.171	0.119	0.004	1%	0.219	0.155
%RSD		64.950	39.660	67.260	43.180	38.770	185.400	1	12.660	64.570
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
1	11:02:14	-0.946	1.785	0.422	0.397	0.489	0.706	1.617	1.765	81%
2	11:03:22	-0.785	1.471	0.226	0.351	0.351	0.473	0.916	0.950	80%
3	11:04:31	-0.817	1.896	0.105	0.202	0.191	0.242	0.480	0.403	80%
X		-0.849	1.718	0.251	0.317	0.343	0.474	1.004	1.039	80%
σ		0.085	0.220	0.160	0.102	0.149	0.232	0.574	0.685	0%
%RSD		10.030	12.830	63.820	32.150	43.490	48.930	57.130	65.940	0
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
		ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
1	11:02:14	81%	0.561	0.545	0.317	0.366	0.344	84%	0.321	
2	11:03:22	81%	0.316	0.302	0.219	0.200	0.204	84%	0.212	
3	11:04:31	82%	0.172	0.172	0.102	0.074	0.100	84%	0.108	
X		81%	0.350	0.340	0.212	0.213	0.216	84%	0.214	
σ		0%	0.197	0.189	0.108	0.146	0.122	0%	0.106	
%RSD		1	56.190	55.690	50.750	68.420	56.530	0	49.770	

Mass Uncorrected ICPS

SO (SO) 04/29/2011 01:59:21 PM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:00:29	15824.385	3.646	32.813	256.252	137144.220	1239.116	165.626	209.377	635.952
2	14:01:37	15965.166	2.604	40.625	234.377	138783.370	1232.866	184.376	210.939	712.518
3	14:02:46	15749.302	7.292	29.688	239.065	137656.920	1534.457	231.252	223.439	754.707
X		15846.284	4.514	34.375	243.231	137861.500	1335.480	193.751	214.585	701.059
σ		109.586	2.461	5.634	11.518	838.508	172.348	33.803	7.708	60.201
%RSD		0.692	54.529	16.389	4.735	0.608	12.905	17.446	3.592	8.587
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:00:29	578.137	1110.981	18971.964	85561.713	115230.050	3.125	367.192	64065.206	12.500
2	14:01:37	593.762	1039.100	18937.544	86759.530	115576.580	4.688	337.504	63831.350	4.688
3	14:02:46	493.759	1001.598	19231.686	88186.980	115713.620	10.938	325.004	63643.013	14.063
X		555.219	1050.560	19047.065	86836.075	115506.750	6.250	343.233	63846.523	10.417
σ		53.797	55.585	160.810	1314.306	249.235	4.134	21.670	211.505	5.023
%RSD		9.689	5.291	0.844	1.514	0.216	66.144	6.313	0.331	48.218
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:00:29	990.659	282.815	390.630	2797.149	262.502	34537.010	959.407	35.938	21.875
2	14:01:37	1081.291	253.127	356.254	2761.204	237.502	35041.361	903.154	26.563	18.750
3	14:02:46	1157.859	240.627	387.505	2997.189	240.627	34944.249	935.968	45.313	26.563
X		1076.603	258.857	378.130	2851.847	246.877	34840.873	932.843	35.938	22.396
σ		83.699	21.670	19.009	127.146	13.622	267.595	28.257	9.375	3.932
%RSD		7.774	8.371	5.027	4.458	5.518	0.768	3.029	26.087	17.558
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:00:29	54.688	14.063	54.688	17.188	6.250	6.250	162.501	25.000	19.271
2	14:01:37	60.938	17.188	51.563	17.188	10.938	10.938	153.647	21.354	18.750
3	14:02:46	65.625	26.563	78.125	22.396	6.250	6.250	150.001	20.833	19.271
X		60.417	19.271	61.458	18.924	7.813	7.813	155.383	22.396	19.097
σ		5.487	6.505	14.518	3.007	2.706	2.706	6.428	2.270	0.301
%RSD		9.082	33.757	23.623	15.890	34.641	34.641	4.137	10.137	1.575
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:00:29	15.625	20.313	26.563	20.313	21.875	3.125	188763.930	101.563	39.063
2	14:01:37	9.375	17.188	21.875	29.688	18.750	4.688	191468.310	118.750	43.750
3	14:02:46	25.000	18.750	23.438	14.063	29.688	1.563	191430.310	128.126	56.250
X		16.667	18.750	23.958	21.354	23.438	3.125	190554.180	116.146	46.354
σ		7.864	1.563	2.387	7.864	5.634	1.563	1550.523	13.471	8.885
%RSD		47.186	8.333	9.962	36.828	24.037	50.000	0.814	11.599	19.167
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:00:29	0.000	0.000	25.000	6.250	115.625	115.625	20.313	40.625	495520.860
2	14:01:37	0.000	0.000	37.500	6.250	115.625	114.063	14.063	35.938	507521.970
3	14:02:46	3.125	3.125	31.250	3.125	96.875	118.750	32.813	53.125	506162.490
X		1.042	1.042	31.250	5.208	109.375	116.146	22.396	43.229	503068.440
σ		1.804	1.804	6.250	1.804	10.825	2.387	9.547	8.885	6571.641
%RSD		173.205	173.205	20.000	34.641	9.897	2.055	42.629	20.553	1.306
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	14:00:29	539715.610	67.188	203.126	96.875	89.063	171.876	482650.680	198.439	
2	14:01:37	548255.170	60.938	185.939	78.125	79.688	167.188	480498.680	207.814	
3	14:02:46	540538.030	103.125	187.501	110.938	92.188	215.627	484581.610	298.441	
X		542836.270	77.084	192.189	95.313	86.979	184.897	482576.990	234.898	
σ		4710.885	22.768	9.504	16.462	6.505	26.716	2042.464	55.229	
%RSD		0.868	29.537	4.945	17.272	7.479	14.449	0.423	23.512	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:08:21	15697.682	59.896	76.563	250.002	350180.580	162005.610	21977.830	26679.577	8638.549
2	14:09:30	16370.312	60.938	92.188	273.440	350433.550	162553.980	22340.893	26904.999	8833.980
3	14:10:38	16443.834	65.104	109.375	257.815	352977.860	162697.790	22137.452	27085.027	8704.213
x		16170.609	61.979	92.709	260.419	351197.330	162419.120	22152.058	26889.868	8725.581
σ		411.213	2.756	16.413	11.934	1547.164	365.260	181.971	203.148	99.453
%RSD		2.543	4.447	17.703	4.583	0.441	0.225	0.821	0.755	1.140
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:08:21	887.528	1057.852	19316.175	86853.851	322448.440	551.573	8991.891	64517.233	275.003
2	14:09:30	943.781	1093.792	18582.390	87510.967	325243.560	529.697	8948.114	65242.391	257.815
3	14:10:38	1025.037	1021.912	19172.231	89818.976	323188.320	532.822	9040.360	65813.752	273.440
x		952.115	1057.852	19023.599	88061.265	323626.770	538.031	8993.455	65191.125	268.753
σ		69.132	35.940	388.817	1557.277	1448.222	11.832	46.143	649.778	9.504
%RSD		7.261	3.397	2.044	1.768	0.447	2.199	0.513	0.997	3.537
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:08:21	5210.325	1948.570	604.700	15225.297	1586.026	251467.380	6271.689	1039.100	290.628
2	14:09:30	5247.839	2139.223	665.641	15142.396	1576.650	250225.550	6166.956	1000.035	250.002
3	14:10:38	5283.789	2089.215	598.450	15244.067	1620.404	253778.020	6090.360	1120.356	265.627
x		5247.318	2059.003	622.930	15203.920	1594.360	251823.650	6176.335	1053.164	268.753
σ		36.735	98.852	37.120	54.101	23.037	1802.834	91.027	61.381	20.492
%RSD		0.700	4.801	5.959	0.356	1.445	0.716	1.474	5.828	7.625
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:08:21	1257.868	603.138	543.760	176.564	46.875	46.875	339.067	92.188	16.667
2	14:09:30	1212.552	598.450	614.076	180.209	46.875	46.875	318.233	90.625	15.104
3	14:10:38	1357.877	578.137	603.138	192.710	75.000	75.000	325.525	105.209	23.958
x		1276.099	593.241	586.991	183.161	56.250	56.250	327.608	96.007	18.576
σ		74.358	13.289	37.836	8.468	16.238	16.238	10.572	8.007	4.726
%RSD		5.827	2.240	6.446	4.623	28.868	28.868	3.227	8.340	25.440
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:08:21	934.406	1670.410	1842.306	1001.598	2764.330	0.000	190211.060	128.126	1246.929
2	14:09:30	914.092	1603.215	1848.557	1076.603	2854.973	1.563	191419.220	139.063	1092.229
3	14:10:38	1017.224	1704.789	1839.181	998.472	2875.289	4.688	192298.100	148.438	1120.356
x		955.240	1659.471	1843.348	1025.558	2831.531	2.083	191309.460	138.542	1153.172
σ		54.632	51.663	4.774	44.234	59.077	2.387	1047.840	10.166	82.406
%RSD		5.719	3.113	0.259	4.313	2.086	114.564	0.548	7.338	7.146
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:08:21	26.563	26.563	1101.605	271.878	3825.512	2134.535	1817.303	3248.807	502888.930
2	14:09:30	21.875	21.875	1204.738	289.065	3791.128	1987.638	1839.181	3186.293	500924.830
3	14:10:38	21.875	21.875	1123.482	309.378	3952.109	2042.334	1809.490	3189.419	500834.230
x		23.438	23.438	1143.275	290.107	3856.250	2054.835	1821.991	3208.173	501549.330
σ		2.706	2.706	54.341	18.772	84.778	74.242	15.391	35.225	1161.013
%RSD		11.547	11.547	4.753	6.471	2.198	3.613	0.845	1.098	0.231
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	14:08:21	542668.110	2157.976	5255.654	1768.860	1604.778	3820.823	482167.580	360.942	
2	14:09:30	543385.240	2182.979	5233.771	1754.795	1682.912	3756.744	486186.340	325.004	
3	14:10:38	544790.390	2161.101	5260.343	1839.181	1607.903	3961.487	484544.440	479.696	
x		543614.580	2167.352	5249.923	1787.612	1631.864	3846.351	484299.450	388.547	
σ		1079.566	13.624	14.183	45.210	44.236	104.731	2020.549	80.956	
%RSD		0.199	0.629	0.270	2.529	2.711	2.723	0.417	20.836	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:16:14	15937.010	6798.492	1461.012	295.316	5428922.800	3874595.700	536251.180	641440.660	934595.240
2	14:17:22	16187.291	6790.676	1401.631	251.565	5416890.200	3859686.200	529860.370	645188.270	918503.330
3	14:18:30	16023.043	6645.295	1314.123	275.003	5391960.200	3873493.700	525310.890	636972.240	915374.250
x		16049.115	6744.821	1392.256	273.961	5412591.100	3869258.500	530474.140	641200.390	922824.270
σ		127.161	86.281	73.892	21.894	18852.556	8308.176	5495.910	4113.280	10313.315
%RSD		0.792	1.279	5.307	7.992	0.348	0.215	1.036	0.641	1.118
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:16:14	8358.695	46440.989	19123.729	86102.447	2697156.800	12801.045	211217.170	64404.225	6821.941
2	14:17:22	8108.551	46199.583	18773.265	86948.172	2687537.600	12786.970	211114.100	64540.777	6784.423
3	14:18:30	8574.448	45687.001	18663.746	86803.546	2688344.600	12666.550	207443.730	64357.139	7000.152
x		8347.231	46109.191	18853.580	86618.055	2691013.000	12751.522	209925.000	64434.047	6868.839
σ		233.160	385.036	240.279	452.347	5335.985	73.923	2149.461	95.382	115.258
%RSD		2.793	0.835	1.274	0.522	0.198	0.580	1.024	0.148	1.678
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:16:14	105738.320	102596.780	12516.418	392352.430	293557.360	6608459.700	164564.660	124973.950	27144.514
2	14:17:22	104123.390	102447.280	12517.982	390589.470	293453.700	6579762.700	164194.070	124802.150	27446.653
3	14:18:30	103655.950	102020.800	12364.724	386913.310	291363.120	6554475.000	161668.440	124572.030	27023.974
x		104505.890	102354.960	12466.375	389951.740	292791.390	6580899.100	163475.720	124782.710	27205.047
σ		1092.605	298.882	88.036	2775.073	1238.007	27010.283	1576.085	201.666	217.745
%RSD		1.045	0.292	0.706	0.712	0.423	0.410	0.964	0.162	0.800
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:16:14	137227.830	65995.839	50903.028	19172.753	1342.251	1342.251	4420.475	1844.911	23.438
2	14:17:22	137890.410	65981.712	51080.221	19085.657	1318.811	1318.811	4299.084	1829.805	19.271
3	14:18:30	138934.830	66011.537	50816.784	19172.231	1321.936	1321.936	4191.761	1841.785	23.438
x		138017.690	65996.363	50933.344	19143.547	1327.666	1327.666	4303.774	1838.834	22.049
σ		860.591	14.919	134.310	50.135	12.727	12.727	114.429	7.974	2.406
%RSD		0.624	0.023	0.264	0.262	0.959	0.959	2.659	0.434	10.911
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:16:14	23686.809	41964.671	45014.559	26942.570	69071.264	3.125	188494.780	3023.758	131797.360
2	14:17:22	23605.424	41596.409	46277.962	26580.956	69631.788	0.000	189120.160	2900.294	133199.340
3	14:18:30	23971.658	41508.654	45235.568	26341.451	68912.689	3.125	187779.200	2953.430	132527.510
x		23754.630	41689.911	45509.363	26621.659	69205.247	2.083	188464.710	2959.161	132508.070
σ		192.306	241.961	674.736	302.620	377.809	1.804	670.982	61.931	701.190
%RSD		0.810	0.580	1.483	1.137	0.546	86.603	0.356	2.093	0.529
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:16:14	2172.040	2172.040	131568.710	33924.608	89141.314	124092.890	110568.430	198141.200	497628.190
2	14:17:22	2153.287	2153.287	131809.980	33456.318	90130.302	125120.540	111823.450	197101.970	506363.160
3	14:18:30	2182.979	2182.979	130286.730	33644.259	88359.919	123210.300	111177.820	196221.220	502408.400
x		2169.436	2169.436	131221.810	33675.062	89210.512	124141.240	111189.900	197154.790	502133.250
σ		15.016	15.016	818.738	235.660	887.218	956.040	627.599	961.079	4373.984
%RSD		0.692	0.692	0.624	0.700	0.995	0.770	0.564	0.487	0.871
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	14:16:14	534548.550	249624.540	604491.560	202416.130	190095.470	446638.610	466549.100	1131881.800	
2	14:17:22	546010.680	253784.380	604307.450	202560.340	188906.420	444925.440	478673.280	1131663.900	
3	14:18:30	541452.970	250150.820	604050.020	201414.620	190416.900	447570.220	476318.370	1126495.600	
x		540670.730	251186.580	604283.010	202130.360	189806.260	446378.090	473846.920	1130013.800	
σ		5770.961	2265.097	221.781	624.030	795.688	1341.500	6428.840	3048.749	
%RSD		1.067	0.902	0.037	0.309	0.419	0.301	1.357	0.270	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:24:06	15364.508	13121.648	2600.237	289.065	10547585.000	7606301.300	1035196.100	1262015.500	1738887.200
2	14:25:15	15644.499	13112.786	2708.069	314.066	10426266.000	7455141.900	1020716.800	1246830.700	1711629.000
3	14:26:22	15294.120	13187.334	2704.944	271.878	10436871.000	7497116.600	1024617.400	1245780.700	1706300.700
X		15434.376	13140.589	2671.083	291.670	10470240.000	7519519.900	1026843.400	1251542.300	1718939.000
σ		185.344	40.724	61.375	21.214	67191.600	78030.254	7491.942	9085.244	17479.937
%RSD		1.201	0.310	2.298	7.273	0.642	1.038	0.730	0.726	1.017
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:24:06	15865.055	90804.867	18522.938	85061.867	5254548.200	26983.957	415124.810	63611.623	13204.537
2	14:25:15	16033.993	88319.043	18383.696	84203.680	5228579.900	26353.869	408010.120	63005.822	13173.258
3	14:26:22	15780.586	87751.499	18996.998	84228.827	5165844.700	26281.612	408132.290	62593.077	13425.055
X		15893.211	88958.469	18634.544	84498.125	5216324.300	26539.813	410422.410	63070.174	13267.617
σ		129.029	1624.012	321.522	488.377	45604.067	386.334	4072.860	512.314	137.240
%RSD		0.812	1.826	1.725	0.578	0.874	1.456	0.992	0.812	1.034
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:24:06	205842.700	200682.550	24517.896	771393.210	583493.400	13115452.000	320512.280	244923.910	53390.207
2	14:25:15	203839.280	200072.520	24284.686	762840.890	573738.090	12845673.000	317018.130	245841.030	52991.853
3	14:26:22	206159.720	201569.920	24129.736	774745.650	580228.430	12904216.000	316442.000	243317.120	52850.706
X		205280.560	200775.000	24310.773	769659.920	579153.310	12955113.000	317990.800	244694.020	53077.589
σ		1258.217	752.964	195.391	6138.736	4965.726	141908.810	2202.584	1277.565	279.782
%RSD		0.613	0.375	0.804	0.798	0.857	1.095	0.693	0.522	0.527
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:24:06	266958.750	130081.750	99934.259	38031.285	2445.522	2445.522	8404.034	3571.280	18.750
2	14:25:15	265437.040	129435.290	100012.930	37799.943	2592.423	2592.423	8222.157	3608.268	27.083
3	14:26:22	267410.840	128117.240	100444.070	37587.404	2570.544	2570.544	8412.893	3525.956	22.917
X		266602.210	129211.430	100130.420	37806.211	2536.163	2536.163	8346.361	3568.501	22.917
σ		1034.077	1001.204	274.460	222.007	79.256	79.256	107.655	41.226	4.167
%RSD		0.388	0.775	0.274	0.587	3.125	3.125	1.290	1.155	18.182
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:24:06	47024.142	83507.423	90251.376	52690.742	138958.500	4.688	185865.360	5530.758	264243.340
2	14:25:15	46450.395	82680.761	89462.059	52604.488	136806.630	6.250	182568.560	5874.645	261501.380
3	14:26:22	47271.833	83334.543	90309.554	52722.108	137365.070	6.250	183046.500	5805.867	263735.650
X		46915.457	83174.242	90007.663	52672.446	137710.070	5.729	183826.800	5737.090	263160.120
σ		421.366	436.022	473.401	60.907	1116.647	0.902	1781.536	181.968	1458.767
%RSD		0.898	0.524	0.526	0.116	0.811	15.746	0.969	3.172	0.554
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:24:06	4289.707	4289.707	256203.550	66119.848	176715.970	249573.670	221143.830	390459.420	496717.620
2	14:25:15	4275.640	4275.640	257017.990	66371.009	176341.060	250230.320	221399.300	392508.180	496471.790
3	14:26:22	4253.758	4253.758	256828.690	66553.103	176519.810	250394.090	221669.060	392241.640	498901.140
X		4273.035	4273.035	256683.410	66347.987	176525.620	250066.020	221404.060	391736.410	497363.520
σ		18.115	18.115	426.211	217.543	187.519	434.185	262.649	1113.908	1337.281
%RSD		0.424	0.424	0.166	0.328	0.106	0.174	0.119	0.284	0.269
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	14:24:06	541401.060	497146.210	1197183.800	398741.340	379539.730	889817.320	462445.420	2272355.000	
2	14:25:15	539026.240	502563.720	1198934.400	397233.000	378676.650	894717.420	469273.700	2283918.600	
3	14:26:22	542108.390	500763.050	1213031.200	405703.620	382806.430	906450.060	471619.390	2274465.600	
X		540845.230	500157.660	1203049.800	400559.320	380340.940	896994.940	467779.500	2276913.100	
σ		1614.503	2759.026	8688.363	4518.478	2178.352	8547.067	4766.015	6158.038	
%RSD		0.299	0.552	0.722	1.128	0.573	0.953	1.019	0.270	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:31:59	15056.368	25267.639	5155.618	298.441	20096552.000	14417185.000	1958717.200	2345231.100	3306202.400
2	14:33:07	15128.319	25232.681	5272.848	364.067	19857633.000	14294700.000	1953234.200	2341164.300	3308414.900
3	14:34:16	14956.263	25115.809	5110.289	353.129	19827466.000	14384080.000	1945050.800	2294724.000	3264513.300
x		15046.983	25205.376	5179.585	338.546	19927217.000	14365322.000	1952334.000	2327039.800	3293043.500
σ		86.411	79.513	83.888	35.160	147421.810	63360.859	6877.517	28060.097	24732.694
%RSD		0.574	0.315	1.620	10.386	0.740	0.441	0.352	1.206	0.751
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:31:59	28772.456	169714.650	18652.794	82185.729	9894449.900	49805.865	791339.440	61428.663	25389.730
2	14:33:07	29302.075	168878.270	18571.439	82745.195	9723764.100	50063.103	783839.320	60786.864	25591.652
3	14:34:16	28725.262	167755.780	18784.217	81968.864	9758982.000	49918.587	773995.650	60399.288	25754.444
x		28933.265	168782.900	18669.483	82299.929	9792398.700	49929.185	783058.140	60871.605	25578.609
σ		320.270	982.912	107.366	400.567	90116.111	128.946	8698.245	519.893	182.707
%RSD		1.107	0.582	0.575	0.487	0.920	0.258	1.111	0.854	0.714
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:31:59	392891.960	383616.800	46097.693	1462371.300	1107081.200	24742325.000	611856.790	469475.480	102500.780
2	14:33:07	386494.380	382637.940	46122.773	1456790.400	1101490.000	24550346.000	607088.920	473248.520	100985.360
3	14:34:16	385982.380	381832.440	46318.718	1464291.300	1090943.800	24352000.000	607353.630	470266.500	100983.790
x		388456.240	382695.730	46179.728	1461151.000	1099838.400	24548224.000	608766.440	470996.830	101489.980
σ		3849.964	893.583	121.021	3896.497	8194.507	195171.040	2679.586	1989.725	875.384
%RSD		0.991	0.233	0.262	0.267	0.745	0.795	0.440	0.422	0.863
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:31:59	509171.310	249557.770	192407.370	72067.259	4943.042	4943.042	15851.498	6728.668	22.396
2	14:33:07	505638.150	245616.910	189075.830	71886.142	4863.328	4863.328	15791.014	6709.388	20.833
3	14:34:16	503663.970	243811.370	188583.440	71692.987	4818.000	4818.000	15836.377	6767.748	21.875
x		506157.810	246328.680	190022.210	71882.129	4874.790	4874.790	15826.296	6735.268	21.701
σ		2790.207	2938.577	2080.224	187.168	63.304	63.304	31.477	29.735	0.796
%RSD		0.551	1.193	1.095	0.260	1.299	1.299	0.199	0.441	3.666
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:31:59	90812.729	160509.170	171612.120	101276.470	264026.890	6.250	178074.870	10683.681	491934.430
2	14:33:07	90168.039	159859.770	174006.450	101391.350	262798.300	4.688	174302.210	10722.773	492946.560
3	14:34:16	89416.463	158780.640	169967.640	99131.822	259803.640	4.688	173946.350	10752.483	490896.500
x		90132.410	159716.530	171862.070	100599.880	262209.610	5.208	175441.140	10719.645	491925.830
σ		698.815	873.122	2030.975	1272.673	2172.298	0.902	2287.807	34.507	1025.057
%RSD		0.775	0.547	1.182	1.265	0.828	17.321	1.304	0.322	0.208
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:31:59	8127.311	8127.311	487985.200	126182.950	337473.950	477954.490	426507.530	748939.790	482647.450
2	14:33:07	7939.706	7939.706	484450.720	125973.300	338292.980	476416.890	424360.620	751609.020	481348.450
3	14:34:16	8021.001	8021.001	481592.410	125229.300	336455.020	478019.100	417481.060	738626.200	475473.740
x		8029.339	8029.339	484676.110	125795.180	337407.310	477463.490	422783.070	746391.670	479823.210
σ		94.080	94.080	3202.350	501.154	920.791	906.961	4715.484	6856.241	3822.342
%RSD		1.172	1.172	0.661	0.398	0.273	0.190	1.115	0.919	0.797
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	14:31:59	524552.110	957584.360	2310442.900	768038.250	721911.250	1708899.700	454528.570	4363791.400	
2	14:33:07	518258.220	953814.600	2313086.300	769005.440	714773.230	1691265.200	449826.970	4334635.500	
3	14:34:16	514120.480	951558.870	2274363.600	755804.730	713221.940	1681604.200	440149.610	4272094.100	
x		518976.940	954319.280	2299297.600	764282.810	716635.470	1693923.000	448168.380	4323507.000	
σ		5252.823	3044.286	21633.875	7358.137	4634.324	13840.475	7331.563	46850.647	
%RSD		1.012	0.319	0.941	0.963	0.647	0.817	1.636	1.084	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:39:52	14618.413	49361.696	10120.771	350.004	38297910.000	27326920.000	3745728.700	4469965.000	6318459.400
2	14:41:00	14321.237	49596.360	10450.696	351.567	37983386.000	27651618.000	3758733.400	4438502.700	6319383.400
3	14:42:08	14446.363	49685.733	10233.351	348.442	38064818.000	27389788.000	3732834.200	4472502.300	6337614.600
x		14462.005	49547.930	10268.273	350.004	38115371.000	27456109.000	3745765.500	4460323.300	6325152.500
σ		149.204	167.359	167.712	1.563	163242.230	172209.430	12949.640	18939.755	10802.421
%RSD		1.032	0.338	1.633	0.446	0.428	0.627	0.346	0.425	0.171
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:39:52	55164.250	326921.850	18529.196	79310.169	18682216.000	96409.264	1529689.400	58190.147	49883.817
2	14:41:00	54508.781	324911.120	18685.650	79448.434	18472413.000	95796.517	1538358.600	58307.813	49388.350
3	14:42:08	54944.012	326343.210	18519.809	79526.995	18717984.000	95730.040	1546423.200	59057.759	49255.079
x		54872.348	326058.730	18578.218	79428.533	18624204.000	95978.607	1538157.100	58518.573	49509.082
σ		333.559	1035.110	93.157	109.774	132666.280	374.438	8368.706	470.641	331.301
%RSD		0.608	0.317	0.501	0.138	0.712	0.390	0.544	0.804	0.669
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:39:52	753113.340	742484.310	88304.893	2694328.300	2090895.300	46856704.000	1150302.100	894719.090	192532.470
2	14:41:00	754206.300	742796.820	88553.299	2679628.200	2060136.200	46626629.000	1150470.300	904369.530	195855.310
3	14:42:08	754517.410	736454.200	88757.686	2697774.000	2129029.300	46692791.000	1151703.500	904377.840	192961.640
x		753945.690	740578.450	88538.626	2690576.900	2093353.600	46725374.000	1150825.300	901155.490	193783.140
σ		737.423	3575.116	226.753	9637.058	34512.263	118448.030	765.186	5574.088	1807.335
%RSD		0.098	0.483	0.256	0.358	1.649	0.253	0.066	0.619	0.933
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:39:52	964228.440	462232.440	362831.100	138432.600	9282.702	9282.702	29801.886	12856.303	21.875
2	14:41:00	960964.460	468003.340	361952.990	139814.710	9157.622	9157.622	29891.657	12948.053	31.771
3	14:42:08	968381.680	467470.700	358559.630	138616.130	9415.602	9415.602	30081.116	12885.496	21.875
x		964524.860	465902.160	361114.570	138954.480	9285.309	9285.309	29924.887	12896.617	25.174
σ		3717.482	3189.209	2255.784	750.611	129.010	129.010	142.550	46.875	5.713
%RSD		0.385	0.685	0.625	0.540	1.389	1.389	0.476	0.363	22.696
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:39:52	169387.370	302481.270	327128.050	189196.150	502759.490	1.563	163944.730	20043.739	920675.760
2	14:41:00	172276.290	305553.440	326864.300	191260.870	507245.200	6.250	164527.940	19785.567	922357.320
3	14:42:08	172556.200	305650.800	326223.330	191498.400	505746.580	3.125	163619.160	19718.286	922242.440
x		171406.620	304561.840	326738.560	190651.810	505250.420	3.646	164030.610	19849.197	921758.510
σ		1754.317	1802.478	465.279	1266.217	2283.644	2.387	460.439	171.804	939.446
%RSD		1.023	0.592	0.142	0.664	0.452	65.465	0.281	0.866	0.102
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:39:52	15300.377	15300.377	913497.130	237228.490	637396.810	902217.790	793458.520	1416264.100	449976.890
2	14:41:00	15065.753	15065.753	907378.170	232735.170	638716.330	902234.420	798585.840	1418328.100	451429.470
3	14:42:08	15173.679	15173.679	902818.050	236831.350	635515.730	897900.290	793493.180	1402486.800	456758.980
x		15179.936	15179.936	907897.780	235598.340	637209.620	900784.170	795179.180	1412359.600	452721.780
σ		117.437	117.437	5358.469	2487.515	1608.492	2497.523	2950.302	8612.226	3570.959
%RSD		0.774	0.774	0.590	1.056	0.252	0.277	0.371	0.610	0.789
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	14:39:52	486454.620	1746202.500	4217025.900	1390951.700	1310028.000	3081889.100	406177.750	7998126.200	
2	14:41:00	489630.720	1760385.800	4200883.700	1406749.400	1328143.200	3104880.000	406632.370	7917117.600	
3	14:42:08	483368.080	1776237.500	4240177.400	1398710.300	1324023.300	3121504.200	407434.820	7977792.100	
x		486484.470	1760941.900	4219362.400	1398803.800	1320731.500	3102757.800	406748.310	7964345.300	
σ		3131.424	15025.248	19750.735	7899.282	9495.610	19892.647	636.504	42145.104	
%RSD		0.644	0.853	0.468	0.565	0.719	0.641	0.156	0.529	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:47:46	14987.545	4842.487	5093.095	268.753	950663.230	374058.920	52268.884	61783.313	179408.590
2	14:48:54	15036.034	4700.252	4953.984	259.377	933670.420	365704.550	49912.040	61234.081	176252.480
3	14:50:02	14763.875	4760.168	5100.911	243.752	925484.550	356739.910	49090.451	59605.339	176029.440
x		14929.151	4767.636	5049.330	257.294	936606.060	365501.130	50423.792	60874.244	177230.170
σ		145.172	71.411	82.664	12.630	12843.482	8661.293	1649.857	1132.698	1889.860
%RSD		0.972	1.498	1.637	4.909	1.371	2.370	3.272	1.861	1.066
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:47:46	27319.848	1420.383	18856.186	78678.566	876610.610	2012.642	32585.559	60733.513	22998.185
2	14:48:54	27222.788	1256.305	18493.212	80765.162	860921.770	2000.140	31722.682	60085.469	23013.835
3	14:50:02	27297.931	1104.730	18504.164	80513.749	860832.230	1975.137	32013.956	60488.728	22811.949
x		27280.189	1260.473	18617.854	79985.826	866121.540	1995.973	32107.399	60435.903	22941.323
σ		50.904	157.868	206.474	1139.078	9083.913	19.097	438.962	327.236	112.314
%RSD		0.187	12.524	1.109	1.424	1.049	0.957	1.367	0.541	0.490
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:47:46	75213.101	73230.967	8954.368	63098.417	107915.440	1031469.700	25871.844	91998.404	19794.955
2	14:48:54	75535.105	73179.140	9001.272	61154.052	106750.490	1021467.700	25619.828	92460.749	19984.281
3	14:50:02	76075.461	73279.653	9023.161	61886.885	108838.030	1013750.700	25419.470	92564.543	19913.870
x		75607.889	73229.920	8992.934	62046.451	107834.650	1022229.400	25637.047	92341.232	19897.702
σ		435.763	50.265	35.147	981.955	1046.111	8884.030	226.678	301.400	95.693
%RSD		0.576	0.069	0.391	1.583	0.970	0.869	0.884	0.326	0.481
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:47:46	51153.922	24688.502	37876.709	27839.078	1800.113	1800.113	6223.751	2596.590	22.917
2	14:48:54	50950.070	24677.546	37005.680	28003.983	1759.483	1759.483	6095.571	2627.325	16.146
3	14:50:02	51033.178	25035.981	37873.575	28041.557	1854.808	1854.808	6304.516	2663.790	20.313
x		51045.723	24800.677	37585.321	27961.540	1804.802	1804.802	6207.946	2629.235	19.792
σ		102.503	203.854	501.986	107.706	47.835	47.835	105.365	33.641	3.415
%RSD		0.201	0.822	1.336	0.385	2.650	2.650	1.697	1.279	17.256
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:47:46	81810.145	146342.620	157363.530	92449.741	241397.460	4.688	175888.660	2262.679	98332.577
2	14:48:54	83589.149	147656.030	160638.740	93459.404	244699.810	1.563	178532.090	2147.036	97623.048
3	14:50:02	84502.310	149749.530	161496.770	94259.950	246802.710	6.250	181291.520	2182.979	100514.870
x		83300.535	147916.060	159833.020	93389.698	244299.990	4.167	178570.760	2197.565	98823.500
σ		1369.092	1718.275	2181.244	907.115	2724.716	2.387	2701.634	59.185	1507.122
%RSD		1.644	1.162	1.365	0.971	1.115	57.282	1.513	2.693	1.525
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:47:46	1675.098	1675.098	97456.290	24771.458	313770.900	180989.280	17595.204	30648.466	469396.380
2	14:48:54	1701.664	1701.664	97984.888	25403.817	315588.400	183451.640	16780.162	30023.704	476150.410
3	14:50:02	1704.789	1704.789	97868.469	25640.177	321659.070	186216.760	16608.086	29989.257	484025.730
x		1693.850	1693.850	97769.882	25271.817	317006.120	183552.560	16994.484	30220.476	476524.180
σ		16.315	16.315	277.747	449.150	4130.771	2615.201	527.305	371.051	7321.834
%RSD		0.963	0.963	0.284	1.777	1.303	1.425	3.103	1.228	1.537
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	14:47:46	509185.880	379937.600	907616.030	310082.280	270924.560	665871.280	448090.850	9689.222	
2	14:48:54	513804.730	383865.540	922931.760	311501.730	275611.380	674185.430	457463.820	6867.275	
3	14:50:02	523286.640	387539.320	929748.490	314048.780	281295.580	688436.860	461974.290	4577.296	
x		515425.750	383780.820	920098.760	311877.590	275943.840	676164.520	455842.990	7044.598	
σ		7188.782	3801.566	11334.945	2009.784	5193.495	11412.227	7082.216	2560.572	
%RSD		1.395	0.991	1.232	0.644	1.882	1.688	1.554	36.348	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	14:55:40	15190.885	17.188	126.563	242.190	148971.140	7328.442	1040.663	1225.053	1997.015
2	14:56:48	15159.602	10.938	89.063	246.877	144325.380	5913.724	807.835	1056.289	1668.848
3	14:57:56	15333.224	10.938	109.375	215.627	142122.210	4305.336	590.637	729.706	1329.749
X		15227.904	13.021	108.334	234.898	145139.580	5849.167	813.045	1003.683	1665.204
σ		92.542	3.608	18.772	16.853	3496.308	1512.586	225.058	251.828	333.648
%RSD		0.608	27.713	17.328	7.175	2.409	25.860	27.681	25.090	20.036
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	14:55:40	562.511	1078.166	18466.615	83439.843	116956.490	25.000	671.891	63912.964	34.375
2	14:56:48	587.512	950.032	18563.616	83716.454	114870.920	26.563	545.323	63308.720	42.188
3	14:57:56	490.633	953.157	18537.019	84084.229	113629.810	17.188	470.320	63768.571	34.375
X		546.886	993.785	18522.417	83746.842	115152.410	22.917	562.511	63663.418	36.979
σ		50.294	73.093	50.122	323.266	1681.112	5.023	101.879	315.548	4.511
%RSD		9.196	7.355	0.271	0.386	1.460	21.917	18.111	0.496	12.198
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	14:55:40	1212.552	376.567	345.317	3278.501	735.956	41207.785	1137.545	354.692	81.250
2	14:56:48	1215.677	409.381	357.817	3317.573	643.765	40508.915	1153.171	240.627	59.375
3	14:57:56	1150.046	339.067	353.129	3105.025	510.947	38293.442	978.158	179.689	35.938
X		1192.758	375.005	352.088	3233.700	630.223	40003.381	1089.625	258.336	58.854
σ		37.023	35.183	6.315	113.135	113.115	1521.520	96.849	88.835	22.661
%RSD		3.104	9.382	1.794	3.499	17.948	3.803	8.888	34.388	38.503
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	14:55:40	287.503	142.188	159.376	75.000	7.813	7.813	192.189	27.604	19.271
2	14:56:48	271.878	112.500	143.751	60.417	4.688	4.688	162.501	24.479	23.958
3	14:57:56	162.501	67.188	110.938	37.500	4.688	4.688	170.314	21.875	18.750
X		240.627	107.292	138.022	57.639	5.729	5.729	175.001	24.653	20.660
σ		68.109	37.771	24.722	18.904	1.804	1.804	15.389	2.869	2.869
%RSD		28.305	35.203	17.912	32.797	31.492	31.492	8.794	11.636	13.885
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	14:55:40	126.563	260.940	229.689	145.313	395.318	4.688	186202.520	114.063	359.380
2	14:56:48	106.250	206.251	167.188	142.188	317.191	1.563	186604.590	120.313	257.815
3	14:57:56	87.500	121.876	135.938	106.250	209.377	0.000	187423.010	106.250	228.127
X		106.771	196.356	177.605	131.251	307.295	2.083	186743.370	113.542	281.774
σ		19.537	70.058	47.736	21.707	93.365	2.387	621.970	7.046	68.828
%RSD		18.298	35.679	26.877	16.539	30.383	114.564	0.333	6.205	24.427
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	14:55:40	4.688	4.688	415.631	60.938	635.952	815.648	239.065	382.818	500727.460
2	14:56:48	6.250	6.250	275.003	62.500	545.323	676.579	146.876	262.502	495305.780
3	14:57:56	1.563	1.563	156.251	51.563	509.384	468.758	106.250	225.002	501898.760
X		4.167	4.167	282.295	58.333	563.553	653.662	164.064	290.107	499310.670
σ		2.387	2.387	129.844	5.916	65.223	174.577	68.055	82.450	3517.428
%RSD		57.282	57.282	45.996	10.141	11.574	26.708	41.481	28.420	0.704
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	14:55:40	535591.220	1142.233	2647.120	729.706	653.140	1590.714	474235.130	1936.069	
2	14:56:48	535051.230	659.390	1537.583	556.261	492.196	1212.552	474892.370	1557.897	
3	14:57:56	535455.010	432.819	1050.039	426.569	337.504	873.464	473409.990	1193.800	
X		535365.820	744.814	1744.914	570.845	494.280	1225.576	474179.160	1562.589	
σ		280.827	362.340	818.479	152.094	157.828	358.802	742.772	371.157	
%RSD		0.052	48.648	46.907	26.644	31.931	29.276	0.157	23.753	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	15:27:18	14077.245	21.875	28.125	2118.907	37592403.000	27209777.000	3683861.900	4301649.200	30044288.000
2	15:28:26	14142.935	17.708	48.438	2115.782	37655576.000	26988867.000	3679435.600	4436557.100	30503634.000
3	15:29:34	14131.987	16.667	32.813	2153.287	37438196.000	27361091.000	3714872.300	4410696.400	30701194.000
X		14117.389	18.750	36.458	2129.325	37562058.000	27186579.000	3692723.300	4382967.600	30416372.000
σ		35.194	2.756	10.636	20.810	111821.390	187193.210	19308.856	71600.991	337034.660
%RSD		0.249	14.699	29.172	0.977	0.298	0.689	0.523	1.634	1.108
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	15:27:18	2349.200	1543181.300	195765.020	233136.950	35999756.000	94308.007	1511590.900	58929.105	101636.830
2	15:28:26	2648.094	1557027.500	197448.900	238413.600	36273172.000	95151.978	1512687.400	58841.244	100865.770
3	15:29:34	3104.300	1558212.500	196995.830	238944.230	36474392.000	96013.291	1513402.900	59187.984	102847.010
X		2700.531	1552807.100	196736.580	236831.590	36249106.000	95157.758	1512560.400	58986.111	101783.200
σ		380.271	8357.236	871.359	3210.634	238231.220	852.657	912.651	180.262	998.697
%RSD		14.081	0.538	0.443	1.356	0.657	0.896	0.060	0.306	0.981
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	15:27:18	17750.083	14790.465	7786.497	5173797.200	8651.306	90397342.000	2195658.100	1140.670	1145.358
2	15:28:26	18790.475	14598.080	7919.382	5169630.500	8453.831	90609916.000	2216177.700	1131.295	1120.356
3	15:29:34	18926.592	14732.593	8322.736	5141463.700	8930.280	90576814.000	2217744.200	1050.039	1059.414
X		18489.050	14707.046	8009.538	5161630.500	8678.472	90528024.000	2209860.000	1107.335	1108.376
σ		643.573	98.704	279.257	17588.774	239.383	114377.500	12324.098	49.841	44.207
%RSD		3.481	0.671	3.487	0.341	2.758	0.126	0.558	4.501	3.988
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	15:27:18	3855.208	2043.896	2298.622	223.439	51.563	51.563	145.834	17.188	23.438
2	15:28:26	3677.036	2000.140	2508.033	225.002	71.875	71.875	126.042	14.583	27.604
3	15:29:34	3841.141	1953.258	2378.323	233.856	71.875	71.875	142.709	24.479	21.354
X		3791.128	1999.098	2394.993	227.432	65.104	65.104	138.195	18.750	24.132
σ		99.057	45.328	105.696	5.618	11.727	11.727	10.640	5.130	3.182
%RSD		2.613	2.267	4.413	2.470	18.013	18.013	7.699	27.358	13.187
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	15:27:18	341446.370	601146.960	650402.860	382434.160	1010728.700	4.688	165678.630	135.938	57.813
2	15:28:26	339476.820	602499.040	652969.170	380338.690	1009886.200	4.688	165574.300	107.813	68.750
3	15:29:34	337216.410	606658.710	656158.880	382153.350	998554.770	6.250	167382.700	117.188	32.813
X		339379.870	603434.900	653176.970	381642.060	1006389.900	5.208	166211.880	120.313	53.125
σ		2116.648	2872.583	2883.633	1137.456	6798.482	0.902	1015.300	14.321	18.422
%RSD		0.624	0.476	0.441	0.298	0.676	17.321	0.611	11.903	34.676
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	15:27:18	470.320	470.320	59.375	643.765	206.251	1145.358	235.939	443.757	481972.080
2	15:28:26	521.885	521.885	67.188	620.326	221.877	1179.736	262.502	465.633	478784.740
3	15:29:34	473.445	473.445	43.750	592.200	232.814	1053.164	228.127	435.944	483736.490
X		488.550	488.550	56.771	618.763	220.314	1126.086	242.190	448.445	481497.770
σ		28.911	28.911	11.934	25.818	13.350	65.450	18.020	15.389	2509.722
%RSD		5.918	5.918	21.021	4.172	6.060	5.812	7.440	3.432	0.521
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	15:27:18	513820.930	156.251	370.317	7355.018	5894.966	14790.465	431605.710	217.189	
2	15:28:26	524330.120	126.563	326.566	7487.899	5880.898	14784.209	435612.100	218.752	
3	15:29:34	522739.000	76.563	212.502	7484.773	6034.087	15153.345	443331.710	192.189	
X		520296.680	119.792	303.128	7442.563	5936.650	14909.340	436849.840	209.377	
σ		5664.316	40.273	81.477	75.833	84.675	211.338	5960.182	14.906	
%RSD		1.089	33.619	26.879	1.019	1.426	1.417	1.364	7.119	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	15:35:12	13536.097	952.115	40.625	2123.595	37924507.000	27389007.000	3705996.400	4450258.800	30531152.000
2	15:36:20	13498.562	933.364	26.563	2109.531	37707291.000	27302532.000	3709089.200	4419000.500	30412535.000
3	15:37:28	13561.121	945.865	40.625	2067.337	37280766.000	27158815.000	3701516.200	4372255.300	30053328.000
X		13531.927	943.781	35.938	2100.154	37637521.000	27283451.000	3705533.900	4413838.200	30332338.000
σ		31.487	9.548	8.119	29.278	327492.680	116275.980	3807.653	39257.106	248802.440
%RSD		0.233	1.012	22.592	1.394	0.870	0.426	0.103	0.889	0.820
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	15:35:12	2181.400	1556551.500	197702.370	238292.860	37063290.000	97539.376	1577820.800	59289.968	101230.840
2	15:36:20	2501.269	1537341.300	194630.930	240285.190	36568564.000	96521.986	1534842.900	58665.523	102862.750
3	15:37:28	2952.231	1530782.100	195581.280	242449.420	36469454.000	96631.818	1562915.600	58623.162	101775.310
X		2544.967	1541558.300	195971.530	240342.490	36700436.000	96897.727	1558526.400	58859.551	101956.300
σ		387.269	13392.273	1572.464	2078.875	318124.330	558.392	21822.548	373.353	830.872
%RSD		15.217	0.869	0.802	0.865	0.867	0.576	1.400	0.634	0.815
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	15:35:12	33053.820	29599.383	9498.469	5240510.800	31730.860	92554985.000	2247643.800	18666.875	4911.782
2	15:36:20	34230.023	29527.359	10012.883	5285672.900	31345.312	92211870.000	2232935.300	19003.256	5010.253
3	15:37:28	34261.348	29101.486	10230.224	5228501.600	32072.524	91365950.000	2226551.200	18784.217	4841.445
X		33848.397	29409.409	9913.859	5251561.800	31716.232	92044268.000	2235710.100	18818.116	4921.160
σ		688.302	269.090	375.793	30145.168	363.826	611979.510	10816.607	170.733	84.794
%RSD		2.033	0.915	3.791	0.574	1.147	0.665	0.484	0.907	1.723
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	15:35:12	13506.382	6760.975	6196.656	2862.266	250.002	250.002	728.144	302.087	33.333
2	15:36:20	13215.485	6685.939	5982.502	3051.367	253.127	253.127	788.043	286.461	27.083
3	15:37:28	12962.128	6531.180	5818.372	2931.030	246.877	246.877	706.788	274.482	27.083
X		13227.998	6659.365	5999.177	2948.221	250.002	250.002	740.991	287.677	29.167
σ		272.343	117.179	189.692	95.716	3.125	3.125	42.123	13.842	3.608
%RSD		2.059	1.760	3.162	3.247	1.250	1.250	5.685	4.812	12.372
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	15:35:12	345456.700	618846.370	663366.510	391851.460	1019191.600	10.938	166557.510	554.698	18621.504
2	15:36:20	347039.690	618828.430	659738.540	389764.260	1030763.600	6.250	167570.820	596.887	18757.619
3	15:37:28	340783.960	610495.190	660284.800	386396.480	1017648.100	9.375	166996.970	531.260	18244.455
X		344426.780	616056.670	661129.950	389337.400	1022534.400	8.854	167041.770	560.949	18541.193
σ		3252.553	4816.385	1956.080	2752.428	7168.335	2.387	508.138	33.257	265.842
%RSD		0.944	0.782	0.296	0.707	0.701	26.956	0.304	5.929	1.434
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	15:35:12	857.838	857.838	18266.358	5524.506	206.251	20112.586	3675.473	6520.238	485496.270
2	15:36:20	778.146	778.146	18705.989	5662.059	220.314	20259.668	3680.162	6324.837	489718.010
3	15:37:28	803.148	803.148	18199.085	5521.379	229.689	20161.091	3631.712	6595.272	491544.790
X		813.044	813.044	18390.477	5569.315	218.752	20177.782	3662.449	6480.116	488919.690
σ		40.757	40.757	275.304	80.334	11.797	74.948	26.722	139.610	3102.282
%RSD		5.013	5.013	1.497	1.442	5.393	0.371	0.730	2.154	0.635
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	15:35:12	526602.060	39647.128	95409.733	40295.814	34844.004	84953.412	446022.940	218.752	
2	15:36:20	530738.490	40137.557	97029.966	41281.434	35151.005	85261.489	449362.690	212.502	
3	15:37:28	530968.690	40096.818	96594.215	40991.539	34446.166	84969.130	451157.000	256.252	
X		529436.420	39960.501	96344.638	40856.262	34813.725	85061.343	448847.540	229.169	
σ		2457.318	272.152	838.454	506.544	353.394	173.509	2605.509	23.663	
%RSD		0.464	0.681	0.870	1.240	1.015	0.204	0.580	10.325	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	15:43:07	13254.584	5.729	21.875	459.382	4095195.200	2890895.400	398782.040	471362.690	3248601.300
2	15:44:16	13717.520	2.083	18.750	375.005	3963476.400	2805714.100	382077.940	461819.400	3134859.400
3	15:45:24	14063.169	2.083	37.500	390.630	3968874.900	2795296.800	378530.670	457220.270	3134836.000
X		13678.424	3.299	26.042	408.339	4009182.200	2830635.400	386463.550	463467.450	3172765.600
σ		405.708	2.105	10.045	44.890	74538.341	52445.953	10814.563	7213.810	65675.695
%RSD		2.966	63.812	38.575	10.993	1.859	1.853	2.798	1.556	2.070
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	15:43:07	702.663	162708.850	36408.837	96820.741	3989690.200	11173.948	158077.600	57487.310	10618.007
2	15:44:16	555.837	157309.820	35888.774	97475.169	3918360.000	10422.467	153847.420	58905.570	10044.155
3	15:45:24	1305.694	157839.050	36485.595	98456.866	3890853.900	10506.286	150966.930	57666.154	10144.225
X		854.731	159285.900	36261.069	97584.259	3932968.000	10700.900	154297.320	58019.678	10268.796
σ		397.385	2976.144	324.693	823.500	51011.780	411.810	3576.620	772.399	306.537
%RSD		46.492	1.868	0.895	0.844	1.297	3.848	2.318	1.331	2.985
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	15:43:07	6942.311	1856.371	2575.232	561557.190	1167.235	9848706.000	240286.890	178.126	117.188
2	15:44:16	6693.755	1726.667	2431.457	551233.750	1129.732	9556957.600	235419.370	164.063	126.563
3	15:45:24	6429.572	1748.545	2297.060	549224.160	1075.040	9496935.900	234849.460	114.063	139.063
X		6688.546	1777.194	2434.583	554005.030	1124.003	9634199.800	236851.910	152.084	127.605
σ		256.410	69.436	139.113	6617.095	46.364	188176.310	2988.399	33.670	10.975
%RSD		3.834	3.907	5.714	1.194	4.125	1.953	1.262	22.139	8.601
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	15:43:07	470.320	207.814	310.941	69.271	23.438	23.438	154.688	25.521	20.313
2	15:44:16	470.320	235.939	284.378	77.084	23.438	23.438	151.563	13.542	17.708
3	15:45:24	414.068	220.314	290.628	67.188	35.938	35.938	144.272	14.583	21.354
X		451.570	221.356	295.316	71.181	27.604	27.604	150.174	17.882	19.792
σ		32.477	14.092	13.888	5.217	7.217	7.217	5.345	6.636	1.878
%RSD		7.192	6.366	4.703	7.329	26.144	26.144	3.560	37.110	9.488
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	15:43:07	35248.119	63029.363	68113.557	40352.223	104510.580	4.688	168957.320	84.375	51.563
2	15:44:16	34594.963	61329.803	66360.021	38895.064	102828.120	1.563	172902.540	109.375	25.000
3	15:45:24	33681.847	60907.690	65691.316	38591.117	101303.230	3.125	171629.520	106.250	15.625
X		34508.310	61755.619	66721.631	39279.468	102880.640	3.125	171163.130	100.000	30.729
σ		786.723	1123.105	1250.954	941.381	1604.322	1.563	2013.538	13.622	18.641
%RSD		2.280	1.819	1.875	2.397	1.559	50.000	1.176	13.622	60.663
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	15:43:07	42.188	42.188	43.750	71.875	95.313	214.064	31.250	59.375	474913.360
2	15:44:16	42.188	42.188	20.313	40.625	85.938	176.564	35.938	53.125	479791.110
3	15:45:24	40.625	40.625	25.000	51.563	70.313	139.063	29.688	53.125	475084.540
X		41.667	41.667	29.688	54.688	83.854	176.564	32.292	55.208	476596.340
σ		0.902	0.902	12.402	15.858	12.630	37.500	3.253	3.608	2768.075
%RSD		2.165	2.165	41.775	28.997	15.061	21.239	10.073	6.536	0.581
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	15:43:07	511023.210	167.188	360.942	890.653	714.080	1714.165	445384.730	64.063	
2	15:44:16	517788.520	137.501	235.939	843.775	750.020	1689.162	453351.420	31.250	
3	15:45:24	513659.010	81.250	206.251	859.401	654.702	1640.719	445418.580	28.125	
X		514156.910	128.646	267.711	864.610	706.268	1681.349	448051.580	41.146	
σ		3410.027	43.648	82.094	23.869	48.136	37.341	4589.828	19.908	
%RSD		0.663	33.929	30.665	2.761	6.816	2.221	1.024	48.384	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	15:51:03	13611.169	105.209	14.063	417.194	3947133.700	2792229.800	377481.580	454646.300	3126811.000
2	15:52:11	13988.095	98.959	29.688	420.319	3923605.600	2802626.800	376437.370	458660.670	3115183.500
3	15:53:19	14024.068	89.063	10.938	389.068	3978317.500	2789325.800	375391.640	455149.440	3110990.200
x		13874.444	97.743	18.229	408.860	3949685.600	2794727.500	376436.860	456152.140	3117661.600
σ		228.711	8.141	10.045	17.212	27445.094	6993.407	1044.970	2186.971	8196.355
%RSD		1.648	8.329	55.107	4.210	0.695	0.250	0.278	0.479	0.263
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	15:51:03	1793.363	155807.550	35931.067	93574.214	3831163.200	11668.192	151510.140	57573.594	10211.461
2	15:52:11	1730.438	157169.220	35923.235	95417.597	3852148.400	10858.904	151235.370	57706.943	10217.715
3	15:53:19	1174.600	158655.830	36307.016	96710.624	3850571.000	11098.800	150981.140	57680.273	10481.969
x		1566.133	157210.870	36053.773	95234.145	3844627.500	11208.632	151242.220	57653.604	10303.715
σ		340.534	1424.596	219.350	1576.232	11687.068	415.673	264.563	70.562	154.404
%RSD		21.744	0.906	0.608	1.655	0.304	3.709	0.175	0.122	1.499
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	15:51:03	6796.929	3011.255	2147.036	542116.500	3250.370	9327783.200	232644.600	1981.387	556.261
2	15:52:11	7009.532	3176.916	2148.599	542606.460	3208.173	9262769.900	231887.840	1962.635	514.072
3	15:53:19	6756.285	3117.528	2225.173	546035.020	3262.873	9391443.500	231261.880	1918.879	514.072
x		6854.248	3101.899	2173.603	543585.990	3240.472	9327332.200	231931.440	1954.300	528.135
σ		136.006	83.929	44.668	2135.020	28.662	64337.967	692.387	32.077	24.358
%RSD		1.984	2.706	2.055	0.393	0.884	0.690	0.299	1.641	4.612
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	15:51:03	1395.381	734.394	579.699	324.483	39.063	39.063	200.001	40.104	20.313
2	15:52:11	1509.455	715.643	612.513	327.087	34.375	34.375	198.960	30.208	20.833
3	15:53:19	1478.201	710.955	668.766	365.630	39.063	39.063	197.397	36.979	20.833
x		1461.012	720.331	620.326	339.067	37.500	37.500	198.786	35.764	20.660
σ		58.948	12.403	45.044	23.041	2.706	2.706	1.311	5.059	0.301
%RSD		4.035	1.722	7.261	6.795	7.217	7.217	0.659	14.144	1.456
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	15:51:03	33658.354	60709.976	64736.974	38070.974	99190.037	1.563	165338.790	165.626	1845.432
2	15:52:11	33747.627	60162.354	64871.959	37491.319	98799.847	0.000	169151.790	118.750	1871.998
3	15:53:19	33473.546	60524.818	64892.364	38609.917	100019.230	1.563	168064.060	162.501	1934.506
x		33626.509	60465.716	64833.766	38057.403	99336.370	1.042	167518.210	148.959	1883.978
σ		139.788	278.554	84.443	559.423	622.721	0.902	1964.232	26.208	45.730
%RSD		0.416	0.461	0.130	1.470	0.627	86.603	1.173	17.594	2.427
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	15:51:03	92.188	92.188	1832.930	531.260	87.500	2028.269	398.443	589.075	456923.500
2	15:52:11	82.813	82.813	1898.564	592.200	98.438	1998.577	323.441	626.576	465708.260
3	15:53:19	82.813	82.813	1818.866	564.074	73.438	2064.212	320.316	601.575	465398.410
x		85.938	85.938	1850.120	562.511	86.459	2030.353	347.400	605.742	462676.720
σ		5.413	5.413	42.539	30.500	12.533	32.867	44.232	19.095	4984.847
%RSD		6.298	6.298	2.299	5.422	14.495	1.619	12.732	3.152	1.077
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	15:51:03	488567.090	3834.890	9170.130	3777.062	3172.227	7838.087	420790.120	60.938	
2	15:52:11	501516.940	3678.599	9323.354	3931.791	3341.016	8153.889	430597.840	62.500	
3	15:53:19	507449.130	3964.613	9520.359	3883.340	3320.698	8271.144	433151.450	40.625	
x		499177.720	3826.034	9337.948	3864.064	3277.980	8087.707	428179.800	54.688	
σ		9655.923	143.213	175.570	79.145	92.147	223.986	6525.782	12.204	
%RSD		1.934	3.743	1.880	2.048	2.811	2.769	1.524	22.315	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	15:58:56	13988.095	23356.056	4757.042	275.003	19484209.000	13989553.000	1909303.800	2259321.400	3216714.900
2	16:00:04	14136.679	23339.884	4660.135	293.753	19493024.000	14004783.000	1889967.200	2257107.200	3146132.800
3	16:01:12	13803.541	23639.856	4819.563	335.941	19377116.000	14002017.000	1882307.000	2255334.700	3172638.900
x		13976.105	23445.265	4745.580	301.566	19451450.000	13998784.000	1893859.300	2257254.400	3178495.600
σ		166.892	168.714	80.330	31.212	64525.604	8113.317	13912.887	1997.439	35653.664
%RSD		1.194	0.720	1.693	10.350	0.332	0.058	0.735	0.088	1.122
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	15:58:56	29391.219	162617.190	18396.212	80278.053	9711345.800	49302.951	758162.360	58488.236	24325.380
2	16:00:04	28274.300	163092.880	18469.744	81937.434	9551650.600	49522.614	752135.680	58486.667	24569.548
3	16:01:12	27723.706	162256.880	18253.842	80513.749	9523676.100	49418.563	754754.460	59227.209	24704.154
x		28463.075	162655.650	18373.266	80909.745	9595557.500	49414.709	755017.500	58734.037	24533.027
σ		849.633	419.326	109.765	897.773	101246.430	109.883	3021.942	427.100	192.010
%RSD		2.985	0.258	0.597	1.110	1.055	0.222	0.400	0.727	0.783
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	15:58:56	376214.420	368891.180	45538.090	1417012.900	1078027.300	24283935.000	592993.960	450373.470	96792.425
2	16:00:04	375924.120	368416.660	45176.005	1405412.200	1069243.200	24006116.000	588201.180	449472.310	96937.151
3	16:01:12	375648.250	368609.030	45270.052	1416214.200	1062647.600	24093375.000	589917.120	449757.650	96509.269
x		375928.930	368638.960	45328.049	1412879.800	1069972.700	24127809.000	590370.750	449867.810	96746.282
σ		283.117	238.667	187.880	6479.434	7715.760	142074.310	2428.381	460.571	217.641
%RSD		0.075	0.065	0.414	0.459	0.721	0.589	0.411	0.102	0.225
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	15:58:56	484184.090	235044.390	184640.250	69652.200	4633.564	4633.564	15347.302	6585.372	22.396
2	16:00:04	481249.900	234316.960	182617.620	69842.710	4452.256	4452.256	15452.624	6601.004	18.750
3	16:01:12	479582.720	231818.890	182902.480	69440.234	4611.682	4611.682	15207.048	6545.249	22.396
x		481672.240	233726.750	183386.780	69645.048	4565.834	4565.834	15335.658	6577.208	21.181
σ		2329.578	1691.814	1094.835	201.333	98.968	98.968	123.201	28.760	2.105
%RSD		0.484	0.724	0.597	0.289	2.168	2.168	0.803	0.437	9.938
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	15:58:56	87103.803	154403.370	167727.330	96597.361	259312.010	3.125	169855.370	10610.189	481215.970
2	16:00:04	87499.963	153304.120	167302.070	98507.212	256030.170	1.563	169877.510	10431.932	480493.830
3	16:01:12	86941.884	153526.810	164885.150	98518.225	255037.660	3.125	168154.180	10569.534	479563.330
x		87181.883	153744.770	166638.180	97874.266	256793.280	2.604	169295.690	10537.218	480424.380
σ		287.116	581.131	1532.988	1105.845	2237.026	0.902	988.639	93.419	828.506
%RSD		0.329	0.378	0.920	1.130	0.871	34.641	0.584	0.887	0.172
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	15:58:56	8067.903	8067.903	467246.350	122857.270	330122.320	466629.800	408749.560	736658.070	473873.420
2	16:00:04	8075.720	8075.720	472303.960	123511.320	331051.260	472484.790	411251.090	729621.320	474223.830
3	16:01:12	7924.072	7924.072	467383.540	123533.380	329612.310	466237.620	410636.920	724854.820	470720.140
x		8022.565	8022.565	468977.950	123300.660	330261.960	468450.740	410212.530	730378.070	472939.130
σ		85.387	85.387	2881.228	384.139	729.570	3499.095	1303.647	5937.901	1929.673
%RSD		1.064	1.064	0.614	0.312	0.221	0.747	0.318	0.813	0.408
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	15:58:56	508363.610	928575.790	2243998.400	754293.540	708641.280	1650866.200	436006.680	4321096.700	
2	16:00:04	512595.240	933833.710	2258702.300	749099.400	710395.580	1667804.300	440294.600	4343263.300	
3	16:01:12	514475.100	933300.510	2268003.600	748141.750	709140.150	1669722.600	443467.070	4354025.300	
x		511811.320	931903.330	2256901.500	750511.570	709392.340	1662797.700	439922.780	4339461.800	
σ		3130.251	2894.048	12103.518	3310.104	903.932	10377.421	3744.065	16790.225	
%RSD		0.612	0.311	0.536	0.441	0.127	0.624	0.851	0.387	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	16:06:49	14338.442	9.896	93.750	217.189	134956.340	6371.733	835.962	1073.478	2825.279
2	16:07:57	14501.106	10.938	70.313	215.627	134489.470	6518.674	885.965	1032.850	3100.336
3	16:09:06	14432.287	6.250	60.938	212.502	130321.420	3938.043	539.073	629.701	1970.448
X		14423.945	9.028	75.000	215.106	133255.740	5609.483	753.667	912.010	2632.021
σ		81.652	2.461	16.901	2.387	2551.899	1449.373	187.518	245.329	589.214
%RSD		0.566	27.264	22.535	1.110	1.915	25.838	24.881	26.900	22.386
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	16:06:49	521.885	1128.170	18258.536	80542.032	120208.320	15.625	596.887	59702.619	23.438
2	16:07:57	443.757	1121.919	18288.261	80938.011	118464.150	25.000	592.200	59770.088	29.688
3	16:09:06	440.632	1053.164	18369.615	81560.285	115088.290	9.375	439.069	58855.364	14.063
X		468.758	1101.084	18305.471	81013.443	117920.250	16.667	542.719	59442.690	22.396
σ		46.036	41.618	57.505	513.300	2602.989	7.864	89.794	509.757	7.864
%RSD		9.821	3.780	0.314	0.634	2.207	47.186	16.545	0.858	35.116
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	16:06:49	2923.737	340.629	1006.285	3328.513	573.449	40143.824	1145.358	120.313	39.063
2	16:07:57	2798.712	328.129	921.905	3248.807	509.384	41220.321	1140.670	148.438	43.750
3	16:09:06	2703.381	285.940	946.906	2904.983	365.630	36936.752	989.097	118.750	28.125
X		2808.610	318.233	958.366	3160.767	482.821	39433.632	1091.709	129.167	36.979
σ		110.511	28.656	43.342	225.072	106.426	2228.345	88.895	16.707	8.018
%RSD		3.935	9.005	4.522	7.121	22.042	5.651	8.143	12.935	21.683
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	16:06:49	170.314	87.500	125.001	55.729	9.375	9.375	153.647	15.625	20.313
2	16:07:57	218.752	67.188	76.563	47.917	12.500	12.500	149.480	22.917	21.875
3	16:09:06	135.938	70.313	75.000	42.188	9.375	9.375	140.105	18.229	20.313
X		175.001	75.000	92.188	48.611	10.417	10.417	147.744	18.924	20.833
σ		41.605	10.938	28.427	6.798	1.804	1.804	6.936	3.695	0.902
%RSD		23.774	14.583	30.836	13.983	17.321	17.321	4.694	19.526	4.330
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	16:06:49	95.313	148.438	162.501	95.313	253.127	0.000	174727.670	123.438	267.190
2	16:07:57	95.313	128.126	143.751	78.125	173.439	1.563	176396.430	106.250	215.627
3	16:09:06	57.813	71.875	106.250	70.313	134.376	0.000	177016.530	106.250	126.563
X		82.813	116.146	137.501	81.250	186.980	0.521	176046.880	111.980	203.127
σ		21.651	39.662	28.641	12.790	60.523	0.902	1183.790	9.923	71.142
%RSD		26.144	34.149	20.830	15.741	32.369	173.205	0.672	8.862	35.023
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	16:06:49	4.688	4.688	201.564	25.000	346.879	548.448	142.188	259.377	479178.880
2	16:07:57	4.688	4.688	193.751	48.438	278.128	485.946	139.063	210.939	477182.440
3	16:09:06	1.563	1.563	96.875	25.000	254.690	290.628	79.688	125.001	478892.960
X		3.646	3.646	164.064	32.813	293.232	441.674	120.313	198.439	478418.090
σ		1.804	1.804	58.318	13.532	47.915	134.491	35.217	68.055	1079.613
%RSD		49.487	49.487	35.546	41.239	16.340	30.450	29.271	34.295	0.226
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	16:06:49	508845.960	481.258	1215.677	306.253	314.066	662.515	453698.100	1351.626	
2	16:07:57	511513.740	459.382	989.097	270.315	250.002	650.015	455642.930	1320.373	
3	16:09:06	512041.530	212.502	581.262	185.939	198.439	429.694	456083.210	843.775	
X		510800.410	384.381	928.678	254.169	254.169	580.741	455141.420	1171.925	
σ		1713.051	149.253	321.494	61.761	57.926	130.960	1269.182	284.616	
%RSD		0.335	38.829	34.618	24.299	22.790	22.551	0.279	24.286	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	16:14:43	13908.330	5.729	43.750	235.939	130263.080	2526.786	351.567	350.004	1337.563
2	16:15:51	14405.697	5.208	45.313	182.814	130540.590	3125.342	468.758	539.073	1584.463
3	16:16:58	14085.065	7.292	32.813	204.689	132647.370	3777.062	484.383	600.013	2042.334
X		14133.031	6.076	40.625	207.814	131150.340	3143.063	434.903	496.363	1654.786
σ		252.129	1.084	6.811	26.700	1303.863	625.326	72.593	130.361	357.609
%RSD		1.784	17.843	16.765	12.848	0.994	19.895	16.692	26.263	21.611
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	16:14:43	431.257	1017.224	18037.943	80582.887	114058.200	12.500	343.754	59401.367	10.938
2	16:15:51	496.884	1039.100	17915.915	79608.698	114422.030	18.750	379.693	59683.791	20.313
3	16:16:58	521.885	1035.975	17984.751	80655.168	114748.070	9.375	412.506	60187.460	14.063
X		483.342	1030.766	17979.536	80282.251	114409.430	13.542	378.651	59757.539	15.104
σ		46.807	11.832	61.181	584.433	345.106	4.774	34.388	398.202	4.774
%RSD		9.684	1.148	0.340	0.728	0.302	35.251	9.082	0.666	31.604
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	16:14:43	2495.530	273.440	801.585	2759.642	295.316	33144.655	876.589	46.875	20.313
2	16:15:51	2636.181	273.440	840.650	2769.018	318.754	34121.952	926.593	81.250	39.063
3	16:16:58	2556.479	270.315	923.467	2901.857	360.942	36040.718	964.095	95.313	31.250
X		2562.730	272.398	855.234	2810.172	325.004	34435.775	922.426	74.479	30.208
σ		70.533	1.804	62.236	79.540	33.257	1473.315	43.901	24.919	9.418
%RSD		2.752	0.662	7.277	2.830	10.233	4.278	4.759	33.457	31.178
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	16:14:43	96.875	35.938	45.313	40.104	10.938	10.938	128.126	19.271	16.667
2	16:15:51	112.500	35.938	42.188	29.688	14.063	14.063	148.438	20.833	18.750
3	16:16:58	120.313	50.000	71.875	35.938	7.813	7.813	150.001	22.396	19.792
X		109.896	40.625	53.125	35.243	10.938	10.938	142.188	20.833	18.403
σ		11.934	8.119	16.313	5.243	3.125	3.125	12.204	1.563	1.591
%RSD		10.859	19.985	30.707	14.877	28.571	28.571	8.583	7.500	8.646
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	16:14:43	39.063	46.875	50.000	40.625	73.438	1.563	178449.820	137.501	59.375
2	16:15:51	32.813	43.750	71.875	31.250	92.188	1.563	179370.620	107.813	59.375
3	16:16:58	43.750	56.250	53.125	46.875	90.625	0.000	178179.290	104.688	56.250
X		38.542	48.958	58.333	39.583	85.417	1.042	178666.580	116.667	58.333
σ		5.487	6.505	11.831	7.864	10.404	0.902	624.544	18.110	1.804
%RSD		14.237	13.287	20.282	19.868	12.180	86.603	0.350	15.523	3.093
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	16:14:43	0.000	0.000	48.438	10.938	145.313	140.626	42.188	103.125	484272.970
2	16:15:51	1.563	1.563	68.750	17.188	128.126	142.188	75.000	123.438	481972.080
3	16:16:58	1.563	1.563	50.000	21.875	140.626	164.063	71.875	128.126	489460.980
X		1.042	1.042	55.729	16.667	138.022	148.959	63.021	118.230	485235.340
σ		0.902	0.902	11.303	5.487	8.885	13.104	18.110	13.289	3836.083
%RSD		86.603	86.603	20.283	32.924	6.437	8.797	28.736	11.240	0.791
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	16:14:43	519920.130	176.564	360.942	159.376	121.876	267.190	463602.340	379.693	
2	16:15:51	524847.030	159.376	456.257	173.439	145.313	342.192	468905.660	592.200	
3	16:16:58	529132.080	217.189	526.572	171.876	160.938	415.631	468293.880	698.455	
X		524633.080	184.376	447.924	168.230	142.709	341.671	466933.960	556.782	
σ		4609.703	29.688	83.129	7.708	19.661	74.222	2901.437	162.306	
%RSD		0.879	16.102	18.559	4.582	13.777	21.723	0.621	29.151	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	16:22:36	13898.946	4.167	28.125	232.814	132885.500	3355.081	489.071	506.259	1715.728
2	16:23:44	14377.544	7.292	28.125	221.877	132018.140	3483.237	468.758	557.823	1911.065
3	16:24:52	14114.782	4.688	21.875	203.126	130737.690	2603.362	326.566	464.070	1711.040
X		14130.424	5.382	26.042	219.273	131880.440	3147.227	428.132	509.384	1779.278
σ		239.682	1.674	3.608	15.014	1080.503	475.339	88.543	46.955	114.155
%RSD		1.696	31.109	13.856	6.847	0.819	15.103	20.681	9.218	6.416
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	16:22:36	481.258	979.721	17504.468	79347.878	114625.210	15.625	412.506	60130.972	12.500
2	16:23:44	515.634	1125.044	17613.977	80683.452	113814.080	23.438	420.319	60181.183	20.313
3	16:24:52	534.385	998.472	17518.547	80978.867	110982.560	9.375	339.067	59470.403	15.625
X		510.426	1034.413	17545.664	80336.732	113140.620	16.146	390.630	59927.520	16.146
σ		26.944	79.047	59.578	869.018	1912.433	7.046	44.826	396.670	3.932
%RSD		5.279	7.642	0.340	1.082	1.690	43.638	11.475	0.662	24.354
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	16:22:36	2468.963	279.690	853.150	3050.326	321.879	34458.696	851.588	60.938	20.313
2	16:23:44	2381.449	265.627	760.958	2994.064	342.192	35768.159	871.902	67.188	28.125
3	16:24:52	2312.687	293.753	807.835	2931.551	270.315	33764.855	857.838	45.313	18.750
X		2387.700	279.690	807.315	2991.980	311.462	34663.904	860.443	57.813	22.396
σ		78.325	14.063	46.099	59.415	37.053	1017.295	10.404	11.267	5.023
%RSD		3.280	5.028	5.710	1.986	11.897	2.935	1.209	19.490	22.427
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	16:22:36	79.688	29.688	75.000	34.375	12.500	12.500	142.709	22.917	23.438
2	16:23:44	110.938	34.375	76.563	28.125	15.625	15.625	150.001	14.063	18.229
3	16:24:52	78.125	37.500	39.063	30.208	6.250	6.250	139.584	21.875	15.104
X		89.584	33.854	63.542	30.903	11.458	11.458	144.098	19.618	18.924
σ		18.510	3.932	21.214	3.182	4.774	4.774	5.345	4.839	4.210
%RSD		20.662	11.615	33.386	10.298	41.660	41.660	3.710	24.668	22.247
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	16:22:36	35.938	59.375	56.250	43.750	96.875	3.125	181380.130	112.500	68.750
2	16:23:44	32.813	56.250	64.063	29.688	95.313	1.563	179229.810	109.375	51.563
3	16:24:52	37.500	39.063	46.875	20.313	95.313	4.688	180193.380	96.875	43.750
X		35.417	51.563	55.729	31.250	95.834	3.125	180267.770	106.250	54.688
σ		2.387	10.938	8.606	11.797	0.902	1.563	1077.090	8.268	12.790
%RSD		6.739	21.212	15.442	37.749	0.941	50.000	0.597	7.782	23.387
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	16:22:36	1.563	1.563	93.750	15.625	101.563	120.313	79.688	106.250	493868.210
2	16:23:44	3.125	3.125	46.875	17.188	137.501	129.688	57.813	110.938	492728.280
3	16:24:52	3.125	3.125	26.563	18.750	125.001	107.813	50.000	85.938	484938.740
X		2.604	2.604	55.729	17.188	121.355	119.271	62.500	101.042	490511.750
σ		0.902	0.902	34.458	1.563	18.244	10.975	15.389	13.289	4859.903
%RSD		34.641	34.641	61.831	9.091	15.034	9.201	24.622	13.152	0.991
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	16:22:36	537707.600	225.002	531.260	150.001	143.751	367.192	476413.660	584.387	
2	16:23:44	532007.860	148.438	456.257	154.688	118.750	335.941	474309.410	646.890	
3	16:24:52	528555.050	123.438	306.253	123.438	96.875	235.939	467979.130	500.009	
X		532756.840	165.626	431.257	142.709	119.792	313.024	472900.730	577.095	
σ		4622.015	52.918	114.568	16.853	23.455	68.562	4390.172	73.711	
%RSD		0.868	31.951	26.566	11.809	19.580	21.903	0.928	12.773	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	16:30:30	14096.013	2.604	21.875	248.440	124994.440	956.282	135.938	171.876	709.393
2	16:31:38	14183.600	1.563	25.000	221.877	124313.540	984.409	114.063	182.814	700.017
3	16:32:46	13887.997	1.042	20.313	239.065	124819.490	753.145	98.438	110.938	609.388
X		14055.870	1.736	22.396	236.460	124709.160	897.945	116.146	155.209	672.933
σ		151.835	0.796	2.387	13.472	353.605	126.187	18.837	38.728	55.231
%RSD		1.080	45.826	10.657	5.697	0.284	14.053	16.218	24.952	8.207
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	16:30:30	456.257	915.654	17759.470	80674.024	109937.020	9.375	278.128	58373.706	10.938
2	16:31:38	478.133	995.347	17584.253	80758.876	109310.360	4.688	264.065	57964.232	3.125
3	16:32:46	537.510	892.215	18072.362	81758.287	108397.190	7.813	237.502	58229.369	14.063
X		490.633	934.406	17805.361	81063.729	109214.860	7.292	259.898	58189.102	9.375
σ		42.044	54.062	247.269	602.999	774.342	2.387	20.631	207.686	5.634
%RSD		8.569	5.786	1.389	0.744	0.709	32.733	7.938	0.357	60.093
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	16:30:30	2245.489	223.439	801.585	2570.544	195.314	30621.847	865.651	31.250	18.750
2	16:31:38	2253.303	212.502	756.270	2622.116	217.189	30415.156	859.401	26.563	28.125
3	16:32:46	2245.489	209.377	803.148	2578.358	190.626	30272.666	860.963	20.313	20.313
X		2248.093	215.106	787.001	2590.339	201.043	30436.556	862.005	26.042	22.396
σ		4.511	7.384	26.625	27.795	14.178	175.571	3.253	5.487	5.023
%RSD		0.201	3.433	3.383	1.073	7.052	0.577	0.377	21.071	22.427
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	16:30:30	48.438	9.375	26.563	26.563	9.375	9.375	128.126	18.750	15.104
2	16:31:38	39.063	15.625	37.500	23.438	6.250	6.250	145.313	21.354	20.833
3	16:32:46	48.438	9.375	39.063	24.479	3.125	3.125	139.063	10.417	16.667
X		45.313	11.458	34.375	24.826	6.250	6.250	137.501	16.840	17.535
σ		5.413	3.608	6.811	1.591	3.125	3.125	8.700	5.713	2.962
%RSD		11.945	31.492	19.813	6.409	50.000	50.000	6.327	33.927	16.890
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	16:30:30	10.938	12.500	26.563	23.438	37.500	1.563	170739.260	154.688	59.375
2	16:31:38	17.188	29.688	26.563	17.188	23.438	1.563	169573.940	118.750	39.063
3	16:32:46	15.625	25.000	12.500	14.063	25.000	1.563	169640.340	101.563	37.500
X		14.583	22.396	21.875	18.229	28.646	1.563	169984.510	125.001	45.313
σ		3.253	8.885	8.119	4.774	7.708	0.000	654.470	27.109	12.204
%RSD		22.304	39.671	37.115	26.186	26.907	0.000	0.385	21.687	26.932
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	16:30:30	0.000	0.000	43.750	4.688	78.125	54.688	17.188	31.250	455660.670
2	16:31:38	0.000	0.000	37.500	10.938	93.750	64.063	20.313	32.813	453928.700
3	16:32:46	0.000	0.000	28.125	1.563	87.500	48.438	14.063	23.438	456047.730
X		0.000	0.000	36.458	5.729	86.459	55.729	17.188	29.167	455212.370
σ		0.000	0.000	7.864	4.774	7.864	7.864	3.125	5.023	1128.411
%RSD		0.000	0.000	21.571	83.320	9.096	14.112	18.182	17.221	0.248
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	16:30:30	495155.390	56.250	137.501	71.875	50.000	135.938	432716.700	129.688	
2	16:31:38	494581.320	54.688	96.875	60.938	59.375	137.501	427154.570	139.063	
3	16:32:46	491038.770	45.313	92.188	42.188	40.625	115.625	434486.400	117.188	
X		493591.830	52.083	108.855	58.333	50.000	129.688	431452.550	128.646	
σ		2229.567	5.916	24.919	15.014	9.375	12.204	3825.896	10.975	
%RSD		0.452	11.358	22.892	25.739	18.750	9.410	0.887	8.531	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	16:38:24	14474.517	1.563	15.625	187.501	126603.840	900.028	110.938	148.438	682.829
2	16:39:32	14371.288	0.521	23.438	240.627	125347.520	828.149	101.563	129.688	659.390
3	16:40:41	14125.730	3.646	15.625	196.876	126099.400	664.078	93.750	96.875	587.512
X		14323.845	1.910	18.229	208.335	126016.920	797.418	102.084	125.001	643.244
σ		179.168	1.591	4.511	28.356	632.208	120.940	8.606	26.099	49.667
%RSD		1.251	83.320	24.744	13.611	0.502	15.166	8.430	20.879	7.721
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	16:38:24	487.508	1071.915	18111.474	82119.726	110640.860	7.813	262.502	59545.716	10.938
2	16:39:32	509.384	973.471	18430.631	82465.459	110089.750	3.125	265.627	58474.116	14.063
3	16:40:41	443.757	985.972	18344.583	82273.734	109138.750	3.125	218.752	59374.694	18.750
X		480.216	1010.453	18295.563	82286.306	109956.450	4.688	248.961	59131.509	14.583
σ		33.416	53.594	165.129	173.209	759.877	2.706	26.208	575.705	3.932
%RSD		6.958	5.304	0.903	0.210	0.691	57.735	10.527	0.974	26.964
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	16:38:24	2336.128	253.127	826.586	2701.818	206.251	30845.765	834.399	18.750	28.125
2	16:39:32	2161.101	246.877	729.706	2617.427	189.064	30590.530	860.963	4.688	23.438
3	16:40:41	2237.675	268.753	742.207	2579.920	207.814	30313.377	817.211	1.563	15.625
X		2244.968	256.252	766.166	2633.055	201.043	30583.224	837.525	8.333	22.396
σ		87.741	11.268	52.697	62.433	10.404	266.269	22.043	9.155	6.315
%RSD		3.908	4.397	6.878	2.371	5.175	0.871	2.632	109.865	28.196
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	16:38:24	39.063	1.563	40.625	31.250	3.125	3.125	138.542	18.750	15.625
2	16:39:32	34.375	18.750	28.125	28.646	7.813	7.813	141.147	16.667	26.042
3	16:40:41	40.625	14.063	32.813	23.958	10.938	10.938	140.105	17.188	18.229
X		38.021	11.458	33.854	27.951	7.292	7.292	139.931	17.535	19.965
σ		3.253	8.885	6.315	3.695	3.932	3.932	1.311	1.084	5.421
%RSD		8.555	77.540	18.653	13.220	53.927	53.927	0.937	6.183	27.152
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	16:38:24	15.625	21.875	12.500	15.625	28.125	3.125	174743.490	117.188	31.250
2	16:39:32	14.063	7.813	15.625	14.063	12.500	9.375	174963.340	109.375	15.625
3	16:40:41	7.813	15.625	12.500	6.250	20.313	0.000	174077.620	118.750	18.750
X		12.500	15.104	13.542	11.979	20.313	4.167	174594.820	115.105	21.875
σ		4.134	7.046	1.804	5.023	7.813	4.774	461.198	5.023	8.268
%RSD		33.072	46.647	13.323	41.929	38.462	114.564	0.264	4.364	37.796
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	16:38:24	0.000	0.000	29.688	1.563	79.688	42.188	14.063	17.188	467277.010
2	16:39:32	0.000	0.000	31.250	3.125	73.438	40.625	3.125	12.500	470096.990
3	16:40:41	0.000	0.000	7.813	1.563	84.375	32.813	1.563	7.813	471553.200
X		0.000	0.000	22.917	2.083	79.167	38.542	6.250	12.500	469642.400
σ		0.000	0.000	13.104	0.902	5.487	5.023	6.811	4.688	2174.035
%RSD		0.000	0.000	57.181	43.301	6.931	13.032	108.972	37.500	0.463
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	16:38:24	504710.900	32.813	90.625	64.063	46.875	98.438	449963.990	62.500	
2	16:39:32	505380.840	25.000	81.250	37.500	29.688	109.375	447542.820	71.875	
3	16:40:41	505796.740	34.375	60.938	28.125	29.688	79.688	450718.480	43.750	
X		505296.160	30.729	77.604	43.229	35.417	95.834	449408.430	59.375	
σ		547.854	5.023	15.176	18.641	9.923	15.014	1659.124	14.321	
%RSD		0.108	16.345	19.555	43.122	28.019	15.667	0.369	24.119	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	16:54:12	14396.313	85.417	129.688	228.127	512472.190	291080.890	39296.160	48276.747	14070.989
2	16:55:20	14224.266	100.521	121.876	218.752	515896.890	292954.550	40637.404	47712.356	14074.117
3	16:56:28	14332.186	103.646	123.438	237.502	516956.040	292090.240	39551.551	46972.410	13812.925
X		14317.588	96.528	125.001	228.127	515108.380	292041.890	39828.372	47653.838	13986.010
σ		86.948	9.749	4.134	9.375	2343.620	937.764	712.184	654.135	149.905
%RSD		0.607	10.099	3.307	4.110	0.455	0.321	1.788	1.373	1.072
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	16:54:12	1075.040	945.344	17842.385	81293.144	490671.790	953.157	15622.600	60389.874	450.007
2	16:55:20	1103.168	982.846	17951.897	83059.511	488748.130	957.845	15922.931	59977.203	509.384
3	16:56:28	1059.414	971.908	18119.296	83046.938	490778.490	934.406	16038.686	60493.435	482.821
X		1079.207	966.699	17971.193	82466.531	490066.130	948.469	15861.406	60286.837	480.737
σ		22.172	19.286	139.460	1016.203	1142.673	12.403	214.758	273.105	29.743
%RSD		2.054	1.995	0.776	1.232	0.233	1.308	1.354	0.453	6.187
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	16:54:12	9928.449	3230.053	1101.605	25435.123	2409.578	418743.790	10510.115	1851.682	437.507
2	16:55:20	9751.765	3292.567	1051.601	25493.039	2342.380	425070.320	10419.423	1792.300	409.381
3	16:56:28	9712.676	3187.856	1129.732	25103.287	2368.946	420273.680	10610.189	1884.499	395.318
X		9797.630	3236.825	1094.313	25343.816	2373.635	421362.600	10513.242	1842.827	414.069
σ		114.966	52.683	39.573	210.308	33.844	3300.844	95.421	46.733	21.481
%RSD		1.173	1.628	3.616	0.830	1.426	0.783	0.908	2.536	5.188
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	16:54:12	2123.595	1006.285	875.027	290.628	79.688	79.688	453.132	151.563	18.750
2	16:55:20	2011.079	1021.912	962.532	312.503	93.750	93.750	414.589	150.522	22.917
3	16:56:28	1997.015	978.158	946.906	297.920	106.250	106.250	457.299	154.688	17.708
X		2043.896	1002.119	928.155	300.350	93.229	93.229	441.674	152.258	19.792
σ		69.379	22.172	46.669	11.138	13.289	13.289	23.548	2.168	2.756
%RSD		3.394	2.213	5.028	3.708	14.254	14.254	5.332	1.424	13.925
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	16:54:12	1834.493	3089.396	3494.177	1961.072	5149.365	0.000	179802.560	182.814	2029.832
2	16:55:20	1795.425	3064.391	3240.993	1945.445	4985.245	1.563	179628.520	164.063	2039.208
3	16:56:28	1729.792	3023.758	3362.896	1981.387	5199.383	3.125	182524.250	206.251	2076.713
X		1786.570	3059.182	3366.022	1962.635	5111.331	1.563	180651.780	184.376	2048.584
σ		52.909	33.128	126.621	18.022	112.021	1.563	1623.944	21.137	24.807
%RSD		2.961	1.083	3.762	0.918	2.192	100.000	0.899	11.464	1.211
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	16:54:12	32.813	32.813	2103.280	520.322	6657.801	3866.148	3255.058	5868.393	485177.910
2	16:55:20	34.375	34.375	2115.782	539.073	6626.537	3930.228	3428.536	5913.724	493126.040
3	16:56:28	39.063	39.063	2022.018	510.947	6984.520	3919.288	3445.728	5890.277	495342.980
X		35.417	35.417	2080.360	523.447	6756.286	3905.221	3376.441	5890.798	491215.640
σ		3.253	3.253	50.911	14.321	198.273	34.278	105.471	22.670	5345.032
%RSD		9.184	9.184	2.447	2.736	2.935	0.878	3.124	0.385	1.088
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	16:54:12	525237.560	4056.826	9399.967	3240.993	2954.993	6836.010	468200.260	32.813	
2	16:55:20	528535.600	3995.871	9470.326	3256.621	2959.682	7181.492	472899.750	21.875	
3	16:56:28	534592.330	4000.560	9485.961	3083.145	2978.436	7190.872	478495.600	21.875	
X		529455.160	4017.752	9452.084	3193.586	2964.370	7069.458	473198.540	25.521	
σ		4744.696	33.920	45.807	95.964	12.405	202.226	5154.167	6.315	
%RSD		0.896	0.844	0.485	3.005	0.418	2.861	1.089	24.744	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	17:02:06	14297.776	100.521	96.875	253.127	520143.680	293434.560	39571.919	47221.667	13783.208
2	17:03:15	14490.158	77.084	101.563	232.814	520121.000	295021.430	40266.043	48472.722	14271.187
3	17:04:22	14244.598	95.834	106.250	220.314	520245.730	294841.210	40441.537	47795.446	14017.812
X		14344.177	91.146	101.563	235.419	520170.130	294432.400	40093.166	47829.945	14024.069
σ		129.188	12.402	4.688	16.561	66.443	868.840	459.862	626.240	244.050
%RSD		0.901	13.607	4.615	7.035	0.013	0.295	1.147	1.309	1.740
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	17:02:06	1031.287	951.594	17645.266	82883.493	491509.230	996.910	15907.289	60945.350	468.758
2	17:03:15	1053.164	1004.723	17759.470	83766.747	494374.340	979.721	16026.172	60931.227	510.947
3	17:04:22	1000.035	968.783	17673.425	83477.562	496200.090	956.282	15814.999	60891.998	478.133
X		1028.162	975.033	17692.720	83375.934	494027.880	977.638	15916.153	60922.859	485.946
σ		26.702	27.110	59.497	450.312	2364.546	20.394	105.865	27.643	22.153
%RSD		2.597	2.780	0.336	0.540	0.479	2.086	0.665	0.045	4.559
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	17:02:06	9645.443	3334.764	1076.603	25316.162	2361.133	421200.380	10400.660	1842.306	392.193
2	17:03:15	9861.215	3159.724	1117.231	25408.513	2379.886	429751.030	10675.863	1836.055	403.131
3	17:04:22	9790.854	3225.364	981.284	25698.093	2390.825	424785.470	10397.532	1917.316	435.944
X		9765.837	3239.951	1058.373	25474.256	2377.281	425245.630	10491.352	1865.226	410.423
σ		110.040	88.427	69.783	199.272	15.017	4293.858	159.799	45.220	22.769
%RSD		1.127	2.729	6.593	0.782	0.632	1.010	1.523	2.424	5.548
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	17:02:06	1975.137	982.846	945.344	318.754	115.625	115.625	442.715	156.251	15.104
2	17:03:15	2148.599	995.347	876.589	304.691	114.063	114.063	446.361	155.209	16.667
3	17:04:22	2131.409	975.033	965.658	318.754	98.438	98.438	428.131	154.688	19.271
X		2085.048	984.409	929.197	314.066	109.375	109.375	439.069	155.383	17.014
σ		95.574	10.247	46.678	8.119	9.504	9.504	9.646	0.796	2.105
%RSD		4.584	1.041	5.023	2.585	8.690	8.690	2.197	0.512	12.372
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	17:02:06	1787.612	3134.719	3417.596	2039.208	5308.799	1.563	182022.600	150.001	2092.341
2	17:03:15	1723.542	3094.085	3372.273	1929.818	5105.600	4.688	181356.390	179.689	2084.527
3	17:04:22	1718.853	3128.468	3372.273	2026.706	5175.938	0.000	180557.300	151.563	1984.513
X		1743.336	3119.090	3387.381	1998.577	5196.779	2.083	181312.100	160.418	2053.794
σ		38.416	21.880	26.167	59.875	103.190	2.387	733.651	16.708	60.126
%RSD		2.204	0.701	0.772	2.996	1.986	114.564	0.405	10.415	2.928
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	17:02:06	31.250	31.250	2009.516	518.759	7064.246	3877.088	3528.561	6216.978	501177.200
2	17:03:15	43.750	43.750	1932.943	476.570	6870.402	3859.896	3392.590	6055.971	499472.140
3	17:04:22	45.313	45.313	1990.764	501.571	7079.879	3909.910	3284.753	5949.676	494461.660
X		40.104	40.104	1977.741	498.967	7004.842	3882.298	3401.968	6074.208	498370.330
σ		7.708	7.708	39.913	21.215	116.691	25.411	122.174	134.581	3490.718
%RSD		19.219	19.219	2.018	4.252	1.666	0.655	3.591	2.216	0.700
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	17:02:06	537968.720	4025.567	9512.541	3195.670	3070.642	7311.245	481918.770	28.125	
2	17:03:15	539472.300	3942.731	9690.786	3270.687	3034.697	7344.075	480233.740	17.188	
3	17:04:22	534233.980	3913.036	9684.531	3208.173	2933.114	7147.100	469653.050	28.125	
X		537225.000	3960.445	9629.286	3224.843	3012.818	7267.473	477268.520	24.479	
σ		2697.190	58.319	101.153	40.191	71.327	105.531	6648.784	6.315	
%RSD		0.502	1.473	1.050	1.246	2.367	1.452	1.393	25.797	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	17:10:01	14391.621	100.000	121.876	220.314	512527.240	293563.740	39766.208	47425.466	14044.400
2	17:11:09	14224.266	105.209	107.813	256.252	514034.660	292421.920	39629.892	47334.540	14081.937
3	17:12:18	14074.117	86.459	87.500	262.502	510307.680	290945.360	39684.732	47191.882	14247.726
X		14230.001	97.223	105.730	246.356	512289.860	292310.340	39693.611	47317.296	14124.688
σ		158.829	9.679	17.282	22.769	1874.798	1312.752	68.590	117.743	108.195
%RSD		1.116	9.955	16.346	9.242	0.366	0.449	0.173	0.249	0.766
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	17:10:01	1081.291	975.033	17809.532	82160.585	482928.590	965.658	15416.126	59100.122	487.508
2	17:11:09	1046.913	968.783	17839.256	82515.748	481922.000	935.968	15509.978	59231.916	510.947
3	17:12:18	937.531	953.157	17656.217	82166.871	480224.040	929.718	15553.775	57929.717	482.821
X		1021.912	965.658	17768.335	82281.068	481691.540	943.781	15493.293	58753.918	493.759
σ		75.070	11.268	98.228	203.263	1366.919	19.202	70.325	716.814	15.069
%RSD		7.346	1.167	0.553	0.247	0.284	2.035	0.454	1.220	3.052
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	17:10:01	9675.150	3178.479	998.472	25009.372	2328.315	416462.920	10170.807	1826.679	376.567
2	17:11:09	9645.443	3090.959	989.097	25056.329	2289.246	414097.180	10130.153	1845.432	442.194
3	17:12:18	9387.458	3126.905	1040.663	24459.985	2367.384	411910.310	10164.552	1784.486	435.944
X		9569.350	3132.114	1009.411	24841.895	2328.315	414156.800	10155.171	1818.866	418.235
σ		158.222	43.992	27.468	331.577	39.069	2276.894	21.891	31.215	36.220
%RSD		1.653	1.405	2.721	1.335	1.678	0.550	0.216	1.716	8.660
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	17:10:01	1940.757	960.970	862.526	301.566	82.813	82.813	445.840	141.147	16.667
2	17:11:09	2061.086	1067.227	915.654	314.587	89.063	89.063	440.111	142.188	22.396
3	17:12:18	1967.323	962.532	832.837	301.566	96.875	96.875	471.362	153.126	15.625
X		1989.722	996.910	870.339	305.906	89.584	89.584	452.438	145.487	18.229
σ		63.215	60.902	41.958	7.518	7.046	7.046	16.637	6.636	3.646
%RSD		3.177	6.109	4.821	2.458	7.865	7.865	3.677	4.561	20.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	17:10:01	1600.090	2998.752	3264.435	1884.499	5007.127	3.125	172579.930	151.563	1865.747
2	17:11:09	1643.845	3047.200	3244.118	1890.750	4899.278	0.000	171548.870	164.063	2015.767
3	17:12:18	1765.734	3076.894	3214.424	1968.886	4972.740	1.563	170764.550	184.376	1920.442
X		1669.889	3040.949	3240.993	1914.712	4959.715	1.563	171631.120	166.668	1933.985
σ		85.839	39.444	25.152	47.020	55.092	1.563	910.476	16.561	75.922
%RSD		5.140	1.297	0.776	2.456	1.111	100.000	0.530	9.936	3.926
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	17:10:01	35.938	35.938	1936.069	529.697	6412.376	3644.215	3276.938	5729.274	461672.580
2	17:11:09	29.688	29.688	1993.889	451.570	6388.928	3686.413	3392.590	5666.749	458338.060
3	17:12:18	34.375	34.375	1839.181	531.260	6423.319	3656.718	3192.544	5658.933	456209.010
X		33.333	33.333	1923.046	504.176	6408.208	3662.449	3287.358	5684.985	458739.880
σ		3.253	3.253	78.172	45.565	17.570	21.675	100.429	38.554	2753.860
%RSD		9.758	9.758	4.065	9.037	0.274	0.592	3.055	0.678	0.600
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	17:10:01	493974.930	3627.023	9007.526	2920.611	2762.767	6624.973	433378.500	10.938	
2	17:11:09	495119.810	3566.070	8732.356	3045.637	2717.446	6579.640	428303.840	28.125	
3	17:12:18	496893.900	3672.347	8694.833	2851.847	2697.130	6546.812	429140.910	28.125	
X		495329.550	3621.813	8811.572	2939.365	2725.781	6583.809	430274.420	22.396	
σ		1470.744	53.330	170.736	98.247	33.603	39.247	2720.598	9.923	
%RSD		0.297	1.472	1.938	3.342	1.233	0.596	0.632	44.308	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	17:17:58	14457.312	91.667	139.063	259.377	516831.340	295206.450	40286.412	47729.601	14130.422
2	17:19:06	13992.787	101.563	104.688	223.439	524179.430	302937.670	41455.375	48858.407	14188.292
3	17:20:14	14693.490	94.271	95.313	264.065	521060.570	298296.210	40692.248	48154.461	14106.962
X		14381.196	95.834	113.021	248.961	520690.450	298813.440	40811.345	48247.490	14141.892
σ		356.499	5.130	23.035	22.226	3688.000	3891.478	593.512	570.124	41.861
%RSD		2.479	5.353	20.381	8.928	0.708	1.302	1.454	1.182	0.296
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	17:17:58	1046.913	1048.476	18283.568	83046.938	485674.030	937.531	15832.206	59075.018	493.759
2	17:19:06	1259.430	1009.411	18264.794	83480.705	495737.570	928.155	16210.755	58748.676	468.758
3	17:20:14	1115.669	1025.037	18463.486	82358.595	492545.580	945.344	15789.971	60516.972	470.320
X		1140.671	1027.641	18337.283	82962.080	491319.060	937.010	15944.311	59446.889	477.612
σ		108.442	19.662	109.698	565.847	5142.659	8.606	231.712	940.975	14.005
%RSD		9.507	1.913	0.598	0.682	1.047	0.918	1.453	1.583	2.932
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	17:17:58	9581.337	3200.358	1001.598	24929.545	2423.643	417690.170	10111.390	1903.252	421.881
2	17:19:06	9561.011	3322.261	1064.102	26040.900	2392.388	434215.860	10688.372	1828.242	414.068
3	17:20:14	9596.972	3248.807	1012.536	25131.461	2392.388	423634.870	10475.715	1957.947	400.006
X		9579.773	3257.142	1026.079	25367.302	2402.806	425180.300	10425.159	1896.480	411.985
σ		18.032	61.377	33.380	592.025	18.045	8370.534	291.795	65.117	11.086
%RSD		0.188	1.884	3.253	2.334	0.751	1.969	2.799	3.434	2.691
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	17:17:58	2104.843	967.220	914.092	310.941	123.438	123.438	463.028	153.126	18.229
2	17:19:06	2022.018	1010.973	943.781	322.399	93.750	93.750	472.924	159.376	13.021
3	17:20:14	2106.405	1015.661	898.466	305.212	92.188	92.188	424.485	144.792	19.792
X		2077.755	997.952	918.780	312.851	103.125	103.125	453.479	152.431	17.014
σ		48.276	26.717	23.019	8.752	17.609	17.609	25.592	7.317	3.545
%RSD		2.323	2.677	2.505	2.797	17.075	17.075	5.644	4.800	20.837
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	17:17:58	1751.670	3076.894	3276.938	1997.015	4905.530	1.563	175807.990	146.876	1853.245
2	17:19:06	1675.098	3200.358	3401.968	1992.326	5164.996	1.563	174515.730	146.876	2084.527
3	17:20:14	1739.168	3058.140	3201.921	1901.689	5060.271	4.688	177054.500	150.001	2022.018
X		1721.979	3111.797	3293.609	1963.677	5043.599	2.604	175792.740	147.917	1986.597
σ		41.078	77.267	101.060	53.734	130.534	1.804	1269.452	1.804	119.640
%RSD		2.386	2.483	3.068	2.736	2.588	69.282	0.722	1.220	6.022
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	17:17:58	29.688	29.688	1976.699	459.382	6657.801	3564.507	3097.211	5740.216	466144.010
2	17:19:06	31.250	31.250	1892.313	489.071	6823.504	3855.208	3436.351	5963.745	468484.350
3	17:20:14	45.313	45.313	2031.394	473.445	6595.272	3767.684	3347.267	5898.092	476454.040
X		35.417	35.417	1966.802	473.966	6692.192	3729.133	3293.610	5867.351	470360.800
σ		8.606	8.606	70.067	14.851	117.939	149.135	175.822	114.892	5405.086
%RSD		24.298	24.298	3.562	3.133	1.762	3.999	5.338	1.958	1.149
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	17:17:58	508601.550	3714.545	9184.201	3098.773	2765.893	6646.859	443510.570	10.938	
2	17:19:06	505976.380	3836.453	9129.479	3051.889	2972.184	6779.733	440338.100	6.250	
3	17:20:14	515777.060	3773.936	9395.276	2940.928	2894.043	6759.411	455955.800	9.375	
X		510118.330	3774.978	9236.319	3030.530	2877.373	6728.668	446601.490	8.854	
σ		5073.342	60.960	140.354	81.062	104.151	71.574	8254.908	2.387	
%RSD		0.995	1.615	1.520	2.675	3.620	1.064	1.848	26.956	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	17:25:54	14573.054	91.146	109.375	237.502	515631.310	295058.120	40062.346	47764.091	13742.544
2	17:27:02	14363.467	96.354	118.750	207.814	516863.730	294747.110	39839.850	48521.324	14263.367
3	17:28:11	14923.416	102.084	148.438	232.814	522463.570	296016.710	39980.868	48392.764	14504.234
X		14619.979	96.528	125.521	226.043	518319.540	295273.980	39961.021	48226.060	14170.049
σ		282.908	5.471	20.393	15.960	3641.356	661.753	112.568	405.208	389.325
%RSD		1.935	5.668	16.246	7.061	0.703	0.224	0.282	0.840	2.748
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	17:25:54	1065.665	910.967	18336.761	83160.094	488266.440	993.785	15483.386	59467.265	503.134
2	17:27:02	1025.037	1007.848	18095.829	82958.929	490610.360	1001.598	15703.939	59952.098	498.446
3	17:28:11	1115.669	1021.912	18458.793	83930.203	493433.250	932.843	15860.362	60846.492	489.071
X		1068.790	980.242	18297.127	83349.742	490770.020	976.075	15682.562	60088.619	496.884
σ		45.397	60.405	184.699	512.658	2587.101	37.643	189.395	699.675	7.161
%RSD		4.247	6.162	1.009	0.615	0.527	3.857	1.208	1.164	1.441
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	17:25:54	9623.553	3301.944	945.344	25392.860	2353.319	423282.460	10410.042	1962.635	423.444
2	17:27:02	9426.547	3362.896	932.843	25385.034	2309.562	424616.500	10796.266	1909.503	404.693
3	17:28:11	9640.752	3136.282	942.219	25405.383	2398.639	427209.290	10594.552	1898.564	431.257
X		9563.617	3267.041	940.135	25394.426	2353.840	425036.080	10600.286	1923.567	419.798
σ		119.018	117.270	6.506	10.264	44.541	1996.758	193.176	34.273	13.652
%RSD		1.244	3.589	0.692	0.040	1.892	0.470	1.822	1.782	3.252
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	17:25:54	2131.409	979.721	840.650	292.190	104.688	104.688	481.779	160.418	16.146
2	17:27:02	2075.151	962.532	948.469	305.212	109.375	109.375	449.486	142.709	23.438
3	17:28:11	2206.420	1054.726	873.464	306.253	92.188	92.188	481.779	170.314	14.063
X		2137.660	998.993	887.528	301.218	102.084	102.084	471.015	157.813	17.882
σ		65.858	49.025	55.268	7.836	8.885	8.885	18.644	13.985	4.923
%RSD		3.081	4.907	6.227	2.601	8.703	8.703	3.958	8.862	27.529
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	17:25:54	1751.670	3095.648	3334.764	1904.815	5130.609	0.000	177149.410	160.938	1997.015
2	17:27:02	1742.294	3037.823	3231.615	2062.649	4921.160	1.563	178467.220	175.001	1961.072
3	17:28:11	1764.171	3095.648	3348.830	1879.811	5016.506	4.688	180671.230	146.876	1967.323
X		1752.712	3076.373	3305.070	1949.092	5022.758	2.083	178762.620	160.938	1975.137
σ		10.976	33.385	64.001	99.135	104.864	2.387	1779.396	14.063	19.203
%RSD		0.626	1.085	1.936	5.086	2.088	114.564	0.995	8.738	0.972
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	17:25:54	37.500	37.500	2028.269	510.947	6809.435	3716.108	3339.453	5885.587	479422.800
2	17:27:02	23.438	23.438	1961.072	507.822	6768.791	3719.234	3383.213	5987.192	483552.290
3	17:28:11	31.250	31.250	2139.223	485.946	6731.273	3734.863	3351.956	6027.834	481632.800
X		30.729	30.729	2042.855	501.571	6769.833	3723.402	3358.207	5966.871	481535.960
σ		7.046	7.046	89.966	13.622	39.091	10.048	22.540	73.268	2066.448
%RSD		22.928	22.928	4.404	2.716	0.577	0.270	0.671	1.228	0.429
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	17:25:54	515822.400	3839.578	9267.067	3156.599	3025.320	7018.911	455850.970	9.375	
2	17:27:02	522382.560	3891.155	9575.083	3111.276	3020.632	6947.001	458620.340	12.500	
3	17:28:11	519847.230	4005.249	9364.005	3211.298	3025.320	6715.641	463153.760	10.938	
X		519350.730	3911.994	9402.052	3159.724	3023.758	6893.851	459208.360	10.938	
σ		3308.143	84.778	157.493	50.084	2.707	158.468	3686.732	1.563	
%RSD		0.637	2.167	1.675	1.585	0.090	2.299	0.803	14.286	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	17:33:50	14305.597	44.792	64.063	240.627	326506.250	149155.870	20450.565	24536.679	7711.456
2	17:34:58	14244.598	51.042	57.813	204.689	325903.660	149759.000	20553.838	24489.723	7895.931
3	17:36:06	14865.543	41.146	71.875	212.502	322943.820	144789.410	19837.201	24126.606	7664.556
X		14471.913	45.660	64.583	219.273	325117.910	147901.430	20280.535	24384.336	7757.314
σ		342.255	5.005	7.046	18.902	1906.772	2711.903	387.395	224.432	122.315
%RSD		2.365	10.961	10.910	8.620	0.586	1.834	1.910	0.920	1.577
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	17:33:50	800.022	1014.098	18228.810	82170.014	297814.430	467.195	8339.934	60156.078	262.502
2	17:34:58	896.903	1007.848	18117.732	83942.776	302042.450	489.071	8341.497	59748.121	256.252
3	17:36:06	831.274	1018.786	18138.070	82776.626	301533.430	478.133	7992.860	62580.522	232.814
X		842.733	1013.578	18161.537	82963.139	300463.440	478.133	8224.764	60828.240	250.523
σ		49.446	5.488	59.141	900.978	2308.177	10.938	200.836	1531.168	15.651
%RSD		5.867	0.541	0.326	1.086	0.768	2.288	2.442	2.517	6.247
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	17:33:50	5440.098	1862.621	726.581	14391.621	1432.884	229584.800	5502.622	993.785	246.877
2	17:34:58	5518.253	1861.059	737.519	13905.202	1387.567	230180.210	5698.011	995.347	195.314
3	17:36:06	5458.855	1867.310	784.397	14172.652	1373.504	226395.440	5535.447	967.220	271.878
X		5472.402	1863.663	749.499	14156.491	1397.985	228720.150	5578.694	985.451	238.023
σ		40.801	3.253	30.713	243.612	31.031	2035.148	104.627	15.807	39.042
%RSD		0.746	0.175	4.098	1.721	2.220	0.890	1.875	1.604	16.403
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	17:33:50	1156.297	479.696	490.633	168.230	37.500	37.500	305.212	93.229	21.354
2	17:34:58	1068.790	562.511	507.822	166.147	48.438	48.438	315.108	83.334	19.271
3	17:36:06	1025.037	451.570	534.385	160.418	45.313	45.313	286.461	80.209	29.167
X		1083.374	497.925	510.947	164.932	43.750	43.750	302.260	85.591	23.264
σ		66.834	57.674	22.043	4.046	5.634	5.634	14.549	6.798	5.217
%RSD		6.169	11.583	4.314	2.453	12.877	12.877	4.814	7.942	22.425
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	17:33:50	840.650	1561.023	1603.215	1029.725	2706.506	1.563	179653.830	131.251	1032.850
2	17:34:58	954.719	1542.271	1723.542	1040.663	2593.985	1.563	178218.840	109.375	1050.039
3	17:36:06	904.716	1543.833	1653.221	943.781	2590.860	0.000	183533.940	135.938	1001.598
X		900.028	1549.042	1659.992	1004.723	2630.451	1.042	180468.870	125.521	1028.162
σ		57.179	10.405	60.448	53.060	65.885	0.902	2749.688	14.178	24.558
%RSD		6.353	0.672	3.641	5.281	2.505	86.603	1.524	11.295	2.389
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	17:33:50	26.563	26.563	1039.100	254.690	3491.052	1934.506	1746.982	3150.347	484009.570
2	17:34:58	18.750	18.750	1039.100	268.753	3716.108	1948.570	1698.539	3045.637	480319.360
3	17:36:06	15.625	15.625	1035.975	245.315	3486.363	1836.055	1589.151	2873.727	501853.450
X		20.313	20.313	1038.059	256.252	3564.508	1906.377	1678.224	3023.237	488727.460
σ		5.634	5.634	1.804	11.797	131.311	61.305	80.853	139.664	11516.214
%RSD		27.735	27.735	0.174	4.604	3.684	3.216	4.818	4.620	2.356
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	17:33:50	521002.250	2040.771	4893.025	1673.536	1487.577	3553.567	460957.860	159.376	
2	17:34:58	519683.630	1978.262	4958.673	1686.037	1582.900	3659.844	463762.090	153.126	
3	17:36:06	544722.240	1934.506	4575.733	1659.471	1561.023	3652.029	485614.240	150.001	
X		528469.370	1984.513	4809.144	1673.015	1543.834	3621.813	470111.400	154.167	
σ		14090.827	53.407	204.787	13.290	49.932	59.232	13498.872	4.774	
%RSD		2.666	2.691	4.258	0.794	3.234	1.635	2.871	3.096	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	17:41:44	13450.079	22223.001	4449.130	295.316	18789990.000	13673045.000	1844074.900	2196918.700	3056658.400
2	17:42:52	13532.969	21998.174	4597.615	296.878	18865628.000	13561007.000	1839692.100	2174757.900	3085744.000
3	17:44:00	13700.316	21960.616	4510.087	289.065	18774208.000	13641964.000	1852519.900	2187526.800	3052410.300
x		13561.121	22060.597	4518.944	293.753	18809942.000	13625339.000	1845429.000	2186401.100	3064937.600
σ		127.472	141.894	74.637	4.134	48866.932	57839.501	6520.211	11123.212	18143.624
%RSD		0.940	0.643	1.652	1.407	0.260	0.424	0.353	0.509	0.592
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	17:41:44	27477.250	156872.230	17118.062	79228.468	9439744.000	48762.462	746654.380	57319.450	24475.637
2	17:42:52	28237.594	157802.710	17177.509	79454.719	9474298.800	49375.208	754764.330	58452.151	23891.837
3	17:44:00	28657.094	157191.340	17570.173	80362.903	9359226.300	49184.448	750851.970	58278.004	24256.513
x		28123.979	157288.760	17288.581	79682.030	9424423.100	49107.373	750756.900	58016.535	24207.996
σ		598.071	472.827	245.670	600.407	59046.341	313.560	4055.810	609.940	294.908
%RSD		2.127	0.301	1.421	0.754	0.627	0.639	0.540	1.051	1.218
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	17:41:44	367395.550	364794.210	44621.140	1396149.400	1054259.000	23722719.000	587048.920	439743.640	93484.568
2	17:42:52	367996.670	363295.810	44033.383	1406272.200	1070590.300	23908337.000	585158.590	439716.260	94763.264
3	17:44:00	365731.800	358069.440	43494.236	1402082.600	1063385.600	23602603.000	578282.390	440057.780	92831.895
x		367041.340	362053.150	44049.586	1401501.400	1062745.000	23744553.000	583496.630	439839.230	93693.242
σ		1173.250	3530.411	563.627	5086.361	8184.458	154032.210	4613.520	189.770	982.449
%RSD		0.320	0.975	1.280	0.363	0.770	0.649	0.791	0.043	1.049
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	17:41:44	468297.110	228681.420	183179.430	68299.860	4632.001	4632.001	14930.715	6410.292	16.667
2	17:42:52	469275.310	228675.070	183915.360	68467.326	4739.849	4739.849	15002.144	6461.357	27.604
3	17:44:00	468324.550	226057.340	180307.300	68233.921	4505.398	4505.398	14989.109	6523.364	27.604
x		468632.330	227804.610	182467.370	68333.702	4625.749	4625.749	14973.989	6465.004	23.958
σ		557.013	1513.186	1906.516	120.326	117.350	117.350	38.039	56.624	6.315
%RSD		0.119	0.664	1.045	0.176	2.537	2.537	0.254	0.876	26.357
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	17:41:44	86341.383	155360.540	167948.650	98027.365	256400.800	1.563	169072.730	10541.388	482851.030
2	17:42:52	87468.521	155720.670	166875.250	97597.877	254100.870	3.125	169188.150	10650.844	481203.050
3	17:44:00	86608.618	153746.340	166450.020	97028.393	252225.890	1.563	168846.650	10600.807	478579.590
x		86806.174	154942.520	167091.310	97551.212	254242.520	2.083	169035.840	10597.679	480877.890
σ		588.966	1051.455	772.327	501.119	2091.053	0.902	173.715	54.795	2154.202
%RSD		0.678	0.679	0.462	0.514	0.822	43.301	0.103	0.517	0.448
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	17:41:44	8002.241	8002.241	472134.430	123402.570	335378.580	476802.890	418904.650	743629.110	484392.540
2	17:42:52	8069.466	8069.466	477565.230	123869.080	332909.320	474706.660	420231.850	747595.490	486766.540
3	17:44:00	7850.594	7850.594	471763.080	122658.700	330795.440	471968.130	415774.550	733380.080	486619.470
x		7974.100	7974.100	473820.910	123310.120	333027.780	474492.560	418303.690	741534.890	485926.180
σ		112.117	112.117	3247.985	610.462	2293.868	2424.481	2288.615	7335.445	1330.204
%RSD		1.406	1.406	0.685	0.495	0.689	0.511	0.547	0.989	0.274
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	17:41:44	529389.810	966783.370	2357376.400	787654.900	742086.290	1739379.600	455217.180	4603945.500	
2	17:42:52	531077.310	981269.640	2351295.100	781012.500	738856.410	1741639.500	457591.240	4560280.700	
3	17:44:00	520223.050	964655.900	2336164.400	777749.320	737524.540	1728663.300	452670.970	4499257.000	
x		526896.720	970902.970	2348278.600	782138.910	739489.080	1736560.800	455159.800	4554494.400	
σ		5840.833	9040.596	10922.945	5047.941	2345.757	6932.110	2460.640	52583.584	
%RSD		1.109	0.931	0.465	0.645	0.317	0.399	0.541	1.155	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	17:49:37	13792.593	13.542	73.438	237.502	138512.010	7583.262	989.097	1256.305	2039.208
2	17:50:45	13557.993	6.771	75.000	214.064	132067.030	5654.244	764.083	946.906	1540.708
3	17:51:53	13886.433	9.375	59.375	206.251	128490.880	3855.208	546.885	632.827	1078.166
X		13745.673	9.896	69.271	219.273	133023.310	5697.571	766.688	945.346	1552.694
σ		169.172	3.415	8.606	16.263	5078.540	1864.405	221.117	311.742	480.633
%RSD		1.231	34.513	12.423	7.417	3.818	32.723	28.841	32.977	30.955
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	17:49:37	437.507	1007.848	17984.751	81723.715	112815.580	17.188	646.890	57396.321	20.313
2	17:50:45	431.257	1035.975	17740.696	80460.324	110100.770	25.000	471.883	57769.696	21.875
3	17:51:53	453.132	965.658	17925.302	80985.152	106822.900	9.375	421.881	56830.001	17.188
X		440.632	1003.160	17883.583	81056.397	109913.090	17.188	513.551	57332.006	19.792
σ		11.268	35.392	127.264	634.702	3000.745	7.813	118.150	473.138	2.387
%RSD		2.557	3.528	0.712	0.783	2.730	45.455	23.006	0.825	12.059
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	17:49:37	1636.031	404.693	489.071	3139.407	689.079	39463.809	996.910	250.002	71.875
2	17:50:45	1625.092	307.816	498.446	3062.828	579.699	36833.361	995.347	164.063	62.500
3	17:51:53	1536.020	296.878	495.321	2919.048	432.819	34020.147	957.845	93.750	46.875
X		1599.048	336.462	494.279	3040.428	567.199	36772.439	983.367	169.272	60.417
σ		54.857	59.342	4.774	111.874	128.587	2722.342	22.117	78.256	12.630
%RSD		3.431	17.637	0.966	3.680	22.670	7.403	2.249	46.231	20.904
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	17:49:37	326.566	154.688	117.188	59.375	9.375	9.375	151.042	19.792	21.354
2	17:50:45	195.314	89.063	107.813	49.479	4.688	4.688	149.480	19.792	17.708
3	17:51:53	142.188	62.500	81.250	32.813	4.688	4.688	140.105	20.833	18.750
X		221.356	102.084	102.084	47.222	6.250	6.250	146.876	20.139	19.271
σ		94.908	47.453	18.641	13.424	2.706	2.706	5.916	0.601	1.878
%RSD		42.876	46.485	18.261	28.428	43.301	43.301	4.028	2.986	9.745
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	17:49:37	71.875	118.750	128.126	92.188	190.626	0.000	169977.120	106.250	351.567
2	17:50:45	39.063	98.438	89.063	68.750	159.376	3.125	166103.840	96.875	220.314
3	17:51:53	51.563	56.250	73.438	40.625	73.438	1.563	166100.670	131.251	131.251
X		54.167	91.146	96.875	67.188	141.147	1.563	167393.880	111.459	234.377
σ		16.561	31.882	28.169	25.817	60.684	1.563	2237.157	17.770	110.829
%RSD		30.573	34.979	29.077	38.425	42.993	100.000	1.336	15.943	47.287
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	17:49:37	7.813	7.813	368.755	75.000	412.506	643.765	221.877	398.443	459162.340
2	17:50:45	3.125	3.125	203.126	51.563	306.253	431.257	153.126	271.878	455055.910
3	17:51:53	1.563	1.563	123.438	31.250	246.877	304.691	117.188	178.126	445863.390
X		4.167	4.167	231.773	52.604	321.879	459.904	164.064	282.816	453360.540
σ		3.253	3.253	125.142	21.894	83.913	171.343	53.195	110.565	6809.643
%RSD		78.062	78.062	53.993	41.620	26.070	37.256	32.423	39.094	1.502
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	17:49:37	494751.110	737.519	1746.982	454.695	464.070	1115.669	430916.620	1973.574	
2	17:50:45	482350.150	407.818	951.594	343.754	271.878	706.267	428918.760	1526.644	
3	17:51:53	479852.490	248.440	612.513	201.564	185.939	442.194	418520.190	901.591	
X		485651.250	464.592	1103.696	333.338	307.295	754.710	426118.520	1467.270	
σ		7979.046	249.434	582.328	126.886	142.408	339.340	6655.739	538.452	
%RSD		1.643	53.689	52.762	38.065	46.342	44.963	1.562	36.698	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	17:57:30	16462.605	10.417	8574.448	604.700	97134470.000	19837673.000	2658231.500	3168460.400	1671.106
2	17:58:38	16664.401	4.167	8693.269	618.763	96567244.000	19641040.000	2628349.600	3142108.700	1647.679
3	17:59:46	17107.112	3.646	9009.090	618.763	98697512.000	20012375.000	2705339.400	3216432.900	1205.175
x		16744.706	6.076	8758.935	614.076	97466409.000	19830363.000	2663973.500	3175667.300	1507.987
σ		329.672	3.768	224.639	8.119	1103244.200	185775.790	38814.750	37682.554	262.504
%RSD		1.969	62.007	2.565	1.322	1.132	0.937	1.457	1.187	17.408
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	17:57:30	1284968.500	945.344	297008.860	667357.010	3413622.200	286560.030	4689744.100	63793.787	109.375
2	17:58:38	1278899.000	915.654	296391.550	683867.220	3426576.700	284499.240	4615261.900	65498.424	120.313
3	17:59:46	1311458.600	945.344	305393.830	709937.710	3532560.500	294251.150	4777718.500	65551.054	81.250
x		1291775.400	935.447	299598.080	687053.980	3457586.500	288436.810	4694241.500	64947.755	103.646
σ		17314.199	17.141	5028.748	21468.478	65251.676	5139.716	81321.598	999.712	20.152
%RSD		1.340	1.832	1.678	3.125	1.887	1.782	1.732	1.539	19.443
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	17:57:30	62875.563	1009.411	12952.744	3228.490	857.838	52391.206	17667.168	745.332	648.452
2	17:58:38	71016.705	1026.599	15988.630	3080.019	754.707	51149.217	17865.852	650.015	681.266
3	17:59:46	78144.396	1014.098	17981.622	3061.266	703.142	51163.330	17468.486	660.953	618.763
x		70678.888	1016.703	15640.999	3123.258	771.896	51567.918	17667.169	685.433	649.494
σ		7640.020	8.885	2532.398	91.614	78.767	713.023	198.683	52.161	31.264
%RSD		10.809	0.874	16.191	2.933	10.204	1.383	1.125	7.610	4.814
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	17:57:30	2132.972	995.347	935.968	1538.104	339.067	339.067	697.934	321.879	17.708
2	17:58:38	2079.839	1012.536	964.095	1596.964	409.381	409.381	649.494	334.379	15.625
3	17:59:46	2129.846	1004.723	928.155	1608.945	459.382	459.382	698.975	333.858	20.313
x		2114.219	1004.202	942.739	1581.338	402.610	402.610	682.134	330.039	17.882
σ		29.815	8.606	18.903	37.918	60.443	60.443	28.272	7.071	2.349
%RSD		1.410	0.857	2.005	2.398	15.013	15.013	4.145	2.143	13.134
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	17:57:30	700.781	332.816	359.380	192.189	478.133	1.563	156940.160	96.875	176.564
2	17:58:38	945.156	334.379	276.565	206.251	421.881	1.563	162492.340	89.063	143.751
3	17:59:46	179.688	298.441	300.003	214.064	484.383	1.563	161104.890	82.813	92.188
x		608.542	321.879	311.983	204.168	461.466	1.563	160179.130	89.584	137.501
σ		390.982	20.313	42.687	11.085	34.423	0.000	2889.542	7.046	42.534
%RSD		64.249	6.311	13.683	5.430	7.460	0.000	1.804	7.865	30.933
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	17:57:30	6.250	6.250	179.689	32.813	228.127	243.752	4800.806	8638.549	447418.710
2	17:58:38	4.688	4.688	159.376	34.375	151.563	234.377	4686.706	8516.600	462611.610
3	17:59:46	0.000	0.000	101.563	32.813	157.813	171.876	4735.160	8715.158	465035.300
x		3.646	3.646	146.876	33.333	179.168	216.668	4740.891	8623.435	458355.210
σ		3.253	3.253	40.535	0.902	42.515	39.073	57.266	100.138	9548.498
%RSD		89.214	89.214	27.598	2.706	23.729	18.034	1.208	1.161	2.083
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	17:57:30	487503.540	279.690	770.333	1939.194	1611.028	4002.123	394525.110	87753.071	
2	17:58:38	502609.020	221.877	521.885	1411.007	1289.121	3056.577	414819.250	87773.508	
3	17:59:46	498676.300	170.314	392.193	1214.114	1065.665	2673.688	412932.950	88721.525	
x		496262.950	223.960	561.470	1521.439	1321.938	3244.129	407425.770	88082.701	
σ		7836.584	54.718	192.153	374.942	274.159	683.789	11212.036	553.332	
%RSD		1.579	24.432	34.223	24.644	20.739	21.078	2.752	0.628	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:05:23	16712.896	4.167	8890.265	559.386	99234326.000	20593613.000	2772448.100	3285326.000	991.731
2	18:06:31	16592.443	4.167	9002.836	645.327	101250130.000	20780898.000	2803458.400	3361407.100	577.859
3	18:07:39	16889.666	6.771	8771.442	643.765	98339687.000	20338056.000	2736816.500	3267841.700	421.681
X		16731.668	5.035	8888.181	616.159	99608046.000	20570855.000	2770907.600	3304858.300	663.757
σ		149.498	1.504	115.711	49.173	1490776.300	222296.320	33347.649	49746.868	294.573
%RSD		0.894	29.863	1.302	7.981	1.497	1.081	1.203	1.505	44.380
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:05:23	1314795.400	929.718	304833.620	708286.840	3590323.900	299031.730	4859968.600	66741.084	85.938
2	18:06:31	1345000.600	967.220	310805.560	727080.970	3599198.200	304222.730	4957371.000	64074.482	106.250
3	18:07:39	1307312.600	865.651	302771.710	718004.360	3504792.000	294138.430	4843601.100	67013.007	125.001
X		1322369.500	920.863	306136.960	717790.720	3564771.400	299130.970	4886980.200	65942.858	105.730
σ		19952.997	51.360	4172.496	9398.886	52132.851	5042.882	61507.057	1623.763	19.537
%RSD		1.509	5.577	1.363	1.309	1.462	1.686	1.259	2.462	18.478
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:05:23	84584.042	1014.098	20380.152	2972.184	659.390	49206.474	17768.856	654.702	679.704
2	18:06:31	90930.663	1145.358	21733.707	2892.480	643.765	50355.781	17487.259	665.641	670.328
3	18:07:39	92806.732	982.846	23243.894	3003.441	628.139	48974.429	17143.092	703.142	567.199
X		89440.479	1047.434	21785.918	2956.035	643.765	49512.228	17466.403	674.495	639.077
σ		4309.135	86.232	1432.585	57.216	15.626	739.694	313.403	25.405	62.425
%RSD		4.818	8.233	6.576	1.936	2.427	1.494	1.794	3.766	9.768
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:05:23	2000.140	1089.104	757.833	1814.178	410.943	410.943	687.517	318.754	21.875
2	18:06:31	2254.865	1093.792	801.585	1794.904	479.696	479.696	711.997	369.796	23.958
3	18:07:39	2082.964	1028.162	798.460	1835.535	484.383	484.383	671.891	330.212	20.833
X		2112.657	1070.353	785.959	1814.872	458.341	458.341	690.468	339.587	22.222
σ		129.933	36.613	24.408	20.324	41.114	41.114	20.215	26.782	1.591
%RSD		6.150	3.421	3.106	1.120	8.970	8.970	2.928	7.887	7.160
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:05:23	197.656	296.878	337.504	201.564	442.194	3.125	162979.090	87.500	120.313
2	18:06:31	32.344	300.003	317.191	239.065	485.946	4.688	159490.040	79.688	59.375
3	18:07:39	539.063	309.378	303.128	209.377	485.946	4.688	166198.680	106.250	62.500
X		256.354	302.087	319.274	216.668	471.362	4.167	162889.270	91.146	80.729
σ		258.409	6.505	17.282	19.785	25.260	0.902	3355.220	13.651	34.316
%RSD		100.801	2.153	5.413	9.132	5.359	21.651	2.060	14.978	42.507
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:05:23	0.000	0.000	87.500	18.750	132.813	129.688	4797.681	8576.011	470453.760
2	18:06:31	0.000	0.000	68.750	12.500	128.126	150.001	5064.960	9192.019	460912.690
3	18:07:39	6.250	6.250	67.188	20.313	114.063	128.126	4782.050	8832.417	479077.110
X		2.083	2.083	74.479	17.188	125.001	135.938	4881.564	8866.816	470147.850
σ		3.608	3.608	11.303	4.134	9.758	12.204	159.018	309.441	9086.074
%RSD		173.205	173.205	15.177	24.052	7.806	8.977	3.258	3.490	1.933
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	18:05:23	507475.030	167.188	392.193	1106.293	1021.912	2287.683	419922.970	92781.569	
2	18:06:31	495755.360	79.688	234.377	1089.104	882.840	2176.728	416982.440	95423.889	
3	18:07:39	519324.020	76.563	168.751	1025.037	856.276	2215.797	427243.090	92750.116	
X		507518.140	107.813	265.107	1073.478	920.342	2226.736	421382.830	93651.858	
σ		11784.394	51.444	114.847	42.823	88.959	56.281	5283.811	1534.704	
%RSD		2.322	47.716	43.321	3.989	9.666	2.527	1.254	1.639	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:13:17	16645.630	2152.245	8338.370	3553.567	97236770.000	20257181.000	2730074.300	3255346.700	588257.920
2	18:14:25	16683.173	2153.287	8310.229	3476.986	97575271.000	20340184.000	2725170.900	3213973.100	583270.630
3	18:15:33	16534.563	2144.432	8341.497	3408.219	97768219.000	20484166.000	2723650.200	3236361.300	593003.130
x		16621.122	2149.988	8330.032	3479.590	97526754.000	20360510.000	2726298.500	3235227.100	588177.230
σ		77.277	4.840	17.221	72.709	269025.970	114849.400	3357.222	20710.103	4866.752
%RSD		0.465	0.225	0.207	2.090	0.276	0.564	0.123	0.640	0.827
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:13:17	1233268.100	820.336	287217.930	794577.590	3461797.400	293456.320	4836833.200	64498.448	112.500
2	18:14:25	1245814.700	801.585	285698.860	807867.760	3486893.800	292092.090	4802615.600	64375.644	98.438
3	18:15:33	1250216.100	846.900	288550.640	816024.840	3496566.600	296624.100	4799487.500	64939.958	92.188
x		1243099.600	822.940	287155.810	806156.730	3481752.600	294057.500	4812978.800	64604.683	101.042
σ		8794.189	22.770	1426.903	10825.515	17945.706	2325.048	20717.677	296.778	10.404
%RSD		0.707	2.767	0.497	1.343	0.515	0.791	0.430	0.459	10.296
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:13:17	449472.310	133964.260	42442.642	56691.954	492511.630	922042.640	38464.213	411098.350	85926.392
2	18:14:25	453403.020	133111.020	44248.108	56883.337	492776.790	917231.640	37610.381	409892.560	84909.401
3	18:15:33	456276.750	132272.030	45094.498	57540.650	493527.030	929277.070	37962.874	413465.210	86240.778
x		453050.690	133115.770	43928.416	57038.647	492938.480	922850.450	38012.489	411485.370	85692.190
σ		3415.873	846.121	1354.525	445.154	526.660	6063.207	429.073	1817.496	695.902
%RSD		0.754	0.636	3.083	0.780	0.107	0.657	1.129	0.442	0.812
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:13:17	109127.720	52549.599	82687.047	7427.972	564.074	564.074	995.868	429.694	14.583
2	18:14:25	108811.260	52794.248	82313.021	7548.869	553.136	553.136	992.222	474.487	23.438
3	18:15:33	109414.280	53474.898	83768.319	7434.747	653.140	653.140	999.514	423.965	21.875
x		109117.750	52939.582	82922.796	7470.529	590.116	590.116	995.868	442.715	19.965
σ		301.632	479.464	755.749	67.929	54.853	54.853	3.646	27.664	4.726
%RSD		0.276	0.906	0.911	0.909	9.295	9.295	0.366	6.249	23.671
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:13:17	-707.969	290.628	314.066	198.439	429.694	3.125	160001.970	1031.287	41071.456
2	18:14:25	-377.344	296.878	314.066	182.814	550.011	1.563	159475.820	1054.726	42096.307
3	18:15:33	-639.688	278.128	281.253	226.564	418.756	3.125	160916.850	1164.110	41681.030
x		-575.000	288.545	303.128	202.606	466.154	2.604	160131.550	1083.374	41616.264
σ		174.547	9.547	18.945	22.171	72.828	0.902	729.198	70.894	515.486
%RSD		30.356	3.309	6.250	10.943	15.623	34.641	0.455	6.544	1.239
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:13:17	718.768	718.768	40853.645	11184.064	137.501	88097.368	311830.660	547711.460	467898.420
2	18:14:25	690.642	690.642	41071.456	11723.558	126.563	88841.014	311485.760	559044.270	470242.280
3	18:15:33	753.145	753.145	40919.458	11266.941	89.063	89248.228	311516.100	558371.850	471483.770
x		720.852	720.852	40948.186	11391.521	117.709	88728.870	311610.840	555042.530	469874.830
σ		31.304	31.304	111.711	290.523	25.404	583.568	190.975	6357.786	1820.700
%RSD		4.343	4.343	0.273	2.550	21.582	0.658	0.061	1.145	0.387
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	18:13:17	511230.430	84689.351	205126.250	30596.793	26559.040	63515.886	422545.490	93015.898	
2	18:14:25	506486.160	85979.837	209769.510	30451.170	26548.083	64696.165	421187.510	95164.354	
3	18:15:33	510401.570	86451.421	209918.550	30899.005	26831.424	65143.503	424387.980	94778.992	
x		509372.720	85706.870	208271.440	30648.989	26646.182	64451.851	422707.000	94319.748	
σ		2533.953	912.199	2724.832	228.435	160.517	840.863	1606.335	1145.489	
%RSD		0.497	1.064	1.308	0.745	0.602	1.305	0.380	1.214	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:21:11	15139.268	1.042	2006.391	378.130	21103766.000	4328679.600	582443.510	696414.610	1471.951
2	18:22:19	15422.383	2.604	2034.520	442.194	21014983.000	4286468.200	588977.940	697501.700	1598.527
3	18:23:27	15101.728	2.604	2037.645	326.566	21064584.000	4284136.800	586418.540	698580.680	1653.221
X		15221.126	2.083	2026.185	382.297	21061111.000	4299761.500	585946.660	697499.000	1574.566
σ		175.301	0.902	17.214	57.927	44493.151	25070.893	3292.670	1083.038	92.980
%RSD		1.152	43.301	0.850	15.152	0.211	0.583	0.562	0.155	5.905
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:21:11	274964.720	948.469	77131.099	217845.290	829256.660	59158.174	986006.240	61679.742	26.563
2	18:22:19	276790.090	893.778	76747.793	217756.450	818593.870	58621.593	986277.140	62235.268	34.375
3	18:23:27	280530.760	882.840	76934.732	216833.190	825612.220	58962.053	980928.620	61877.469	20.313
X		277428.520	908.362	76937.875	217478.310	824487.580	58913.940	984404.000	61930.826	27.083
σ		2837.407	35.161	191.672	560.453	5419.632	271.506	3012.811	281.581	7.046
%RSD		1.023	3.871	0.249	0.258	0.657	0.461	0.306	0.455	26.015
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:21:11	34267.613	571.886	9747.074	2822.154	526.572	35992.158	4295.958	275.003	200.001
2	18:22:19	33401.503	564.074	9535.994	2822.154	509.384	36151.936	4442.878	265.627	185.939
3	18:23:27	32966.118	523.447	9431.237	2869.038	535.948	36679.842	4422.560	306.253	178.126
X		33545.078	553.136	9571.435	2837.782	523.968	36274.645	4387.132	282.294	188.022
σ		662.520	26.006	160.874	27.069	13.472	359.889	79.610	21.272	11.085
%RSD		1.975	4.702	1.681	0.954	2.571	0.992	1.815	7.535	5.896
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:21:11	534.385	257.815	1048.476	508.863	143.751	143.751	249.481	83.854	20.833
2	18:22:19	542.198	270.315	1003.160	513.030	151.563	151.563	248.440	80.729	23.958
3	18:23:27	546.885	293.753	1087.541	514.593	135.938	135.938	266.148	77.604	20.833
X		541.156	273.961	1046.392	512.162	143.751	143.751	254.690	80.729	21.875
σ		6.315	18.244	42.229	2.962	7.813	7.813	9.937	3.125	1.804
%RSD		1.167	6.659	4.036	0.578	5.435	5.435	3.902	3.871	8.248
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:21:11	48.438	73.438	78.125	45.313	114.063	1.563	177380.380	79.688	31.250
2	18:22:19	48.438	56.250	51.563	48.438	126.563	3.125	177666.710	107.813	57.813
3	18:23:27	54.688	50.000	67.188	51.563	109.375	4.688	175535.930	100.000	45.313
X		50.521	59.896	65.625	48.438	116.667	3.125	176861.010	95.834	44.792
σ		3.608	12.137	13.350	3.125	8.885	1.563	1156.448	14.518	13.289
%RSD		7.142	20.263	20.343	6.452	7.616	50.000	0.654	15.149	29.668
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:21:11	1.563	1.563	26.563	6.250	106.250	75.000	1131.295	2129.846	488672.160
2	18:22:19	0.000	0.000	31.250	6.250	82.813	85.938	1164.110	2054.835	488613.970
3	18:23:27	1.563	1.563	39.063	7.813	84.375	62.500	1115.669	1982.950	482175.660
X		1.042	1.042	32.292	6.771	91.146	74.479	1137.024	2055.877	486487.260
σ		0.902	0.902	6.315	0.902	13.104	11.727	24.724	73.454	3734.070
%RSD		86.603	86.603	19.555	13.323	14.377	15.746	2.174	3.573	0.768
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	18:21:11	531758.190	359.380	826.586	315.628	246.877	651.577	455268.780	19322.434	
2	18:22:19	530581.250	281.253	654.702	331.254	281.253	629.701	454115.750	19043.935	
3	18:23:27	521109.170	207.814	610.951	275.003	275.003	609.388	440239.830	18106.780	
X		527816.210	282.815	697.413	307.295	267.711	630.222	449874.790	18824.383	
σ		5838.195	75.795	113.986	29.037	18.311	21.100	8364.012	636.872	
%RSD		1.106	26.800	16.344	9.449	6.840	3.348	1.859	3.383	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:29:04	16542.385	4.688	9861.215	746.895	93882458.000	21538929.000	2887487.800	3444673.600	9526.866
2	18:30:12	16697.252	2.083	10164.552	690.642	94795698.000	21829332.000	2947285.000	3520695.300	9331.643
3	18:31:20	16881.844	2.083	10442.878	709.393	95705986.000	22012433.000	2974702.400	3514305.600	8868.315
X		16707.160	2.951	10156.215	715.643	94794714.000	21793565.000	2936491.700	3493224.800	9242.274
σ		169.946	1.504	290.921	28.643	911764.600	238769.420	44597.831	42167.813	338.249
%RSD		1.017	50.943	2.864	4.002	0.962	1.096	1.519	1.207	3.660
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:29:04	1266515.400	831.274	338524.940	671183.280	3608270.000	315309.970	5143201.300	62998.484	90.625
2	18:30:12	1269855.800	873.464	349029.490	691621.210	3622054.100	317003.690	5203822.000	63273.331	95.313
3	18:31:20	1272879.800	804.710	347271.790	701626.180	3658809.800	322096.420	5200717.100	63577.417	114.063
X		1269750.300	836.483	344942.070	688143.560	3629711.300	318136.700	5182580.200	63283.078	100.000
σ		3183.535	34.672	5626.461	15516.543	26125.515	3532.246	34138.378	289.590	12.402
%RSD		0.251	4.145	1.631	2.255	0.720	1.110	0.659	0.458	12.402
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:29:04	85008.425	856.276	21179.751	2903.420	884.402	49494.968	19516.447	617.201	834.399
2	18:30:12	89929.040	804.710	22757.174	2912.797	859.401	50845.009	19549.304	626.576	793.772
3	18:31:20	93173.168	890.653	24057.740	3078.457	853.150	50264.837	19715.157	668.766	804.710
X		89370.211	850.546	22664.889	2964.891	865.651	50201.605	19593.636	637.514	810.961
σ		4110.958	43.257	1441.212	98.462	16.537	677.238	106.515	27.467	21.022
%RSD		4.600	5.086	6.359	3.321	1.910	1.349	0.544	4.309	2.592
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:29:04	4386.611	2278.307	2281.432	1653.742	448.445	448.445	663.557	310.941	25.000
2	18:30:12	4516.339	2297.060	2320.501	1733.959	451.570	451.570	670.849	352.088	20.833
3	18:31:20	4489.768	2223.610	2428.331	1696.455	451.570	451.570	694.288	334.379	14.583
X		4464.239	2266.326	2343.421	1694.719	450.528	450.528	676.231	332.469	20.139
σ		68.528	38.162	76.085	40.137	1.804	1.804	16.057	20.640	5.243
%RSD		1.535	1.684	3.247	2.368	0.400	0.400	2.374	6.208	26.034
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:29:04	1232.656	153.126	215.627	156.251	298.441	0.000	149811.110	78.125	37.500
2	18:30:12	477.969	225.002	200.001	146.876	298.441	0.000	153046.700	82.813	40.625
3	18:31:20	32.344	185.939	192.189	176.564	303.128	0.000	156688.990	93.750	26.563
X		580.990	188.022	202.606	159.897	300.003	0.000	153182.260	84.896	34.896
σ		606.752	35.983	11.934	15.176	2.706	0.000	3440.944	8.018	7.384
%RSD		104.434	19.138	5.890	9.491	0.902	0.000	2.246	9.445	21.160
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:29:04	0.000	0.000	51.563	4.688	73.438	103.125	7656.739	13547.045	433454.180
2	18:30:12	1.563	1.563	32.813	10.938	84.375	90.625	7634.852	13869.229	438351.830
3	18:31:20	4.688	4.688	37.500	9.375	78.125	90.625	8080.410	13947.430	441304.750
X		2.083	2.083	40.625	8.333	78.646	94.792	7790.667	13787.902	437703.590
σ		2.387	2.387	9.758	3.253	5.487	7.217	251.163	212.221	3965.229
%RSD		114.564	114.564	24.019	39.031	6.977	7.613	3.224	1.539	0.906
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	18:29:04	464662.520	90.625	306.253	1979.825	1617.279	4072.455	371993.520	81640.428	
2	18:30:12	474052.660	117.188	275.003	1812.615	1650.095	3930.228	382686.080	83773.034	
3	18:31:20	480804.010	85.938	237.502	1931.381	1728.229	3905.221	393771.940	85445.395	
X		473173.060	97.917	272.919	1907.940	1665.201	3969.302	382817.180	83619.619	
σ		8106.611	16.853	34.423	86.034	56.997	90.205	10889.802	1907.117	
%RSD		1.713	17.211	12.613	4.509	3.423	2.273	2.845	2.281	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:36:59	15452.102	1.563	8546.306	729.706	84793094.000	18721454.000	2526889.100	3019111.900	970.907
2	18:38:07	15974.552	1.563	8647.929	625.014	85798702.000	19072754.000	2547679.700	3030891.200	931.863
3	18:39:16	16176.341	0.521	8896.519	718.768	86419081.000	19212338.000	2606725.500	3106243.700	1114.071
X		15867.665	1.215	8696.918	691.163	85670292.000	19002182.000	2560431.400	3052082.200	1005.614
σ		373.763	0.601	180.173	57.547	820564.000	252937.070	41417.606	47273.495	95.934
%RSD		2.356	49.487	2.072	8.326	0.958	1.331	1.618	1.549	9.540
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:36:59	1241462.300	854.713	330635.550	662066.030	3331625.900	293499.670	4776692.200	63185.614	62.500
2	18:38:07	1270176.200	843.775	332431.190	679739.560	3326456.500	297465.180	4829937.400	64097.873	100.000
3	18:39:16	1266392.700	796.897	336163.910	687189.860	3370825.200	301404.680	4847624.700	64513.067	93.750
X		1259343.700	831.795	333076.880	676331.810	3342969.200	297456.510	4818084.800	63932.185	85.417
σ		15600.860	30.713	2820.173	12903.924	24262.080	3952.510	36921.767	679.060	20.091
%RSD		1.239	3.692	0.847	1.908	0.726	1.329	0.766	1.062	23.521
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:36:59	92584.988	2514.284	23358.143	2739.325	684.391	44157.202	17621.799	456.257	517.197
2	18:38:07	97879.481	2309.562	25147.114	2887.792	710.955	44746.532	17832.999	426.569	504.696
3	18:39:16	100280.420	2504.907	26097.253	2726.823	775.021	44998.885	18125.554	409.381	548.448
X		96914.964	2442.918	24867.503	2784.647	723.456	44634.206	17860.117	430.736	523.447
σ		3937.340	115.585	1390.797	89.545	46.590	431.938	252.970	23.714	22.536
%RSD		4.063	4.731	5.593	3.216	6.440	0.968	1.416	5.506	4.305
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:36:59	917.217	465.633	2162.664	1801.155	498.446	498.446	714.601	364.067	21.354
2	18:38:07	939.093	525.010	2300.185	1837.097	498.446	498.446	747.415	332.296	23.958
3	18:39:16	968.783	468.758	2193.919	1802.197	467.195	467.195	727.623	370.317	16.667
X		941.698	486.467	2218.922	1813.483	488.029	488.029	729.880	355.560	20.660
σ		25.881	33.416	72.090	20.457	18.043	18.043	16.523	20.389	3.695
%RSD		2.748	6.869	3.249	1.128	3.697	3.697	2.264	5.734	17.886
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:36:59	794.219	353.129	310.941	196.876	470.320	0.000	156093.460	106.250	28.125
2	18:38:07	323.438	287.503	320.316	245.315	457.820	1.563	158905.460	95.313	34.375
3	18:39:16	862.500	342.192	325.004	232.814	453.132	0.000	157625.770	95.313	39.063
X		660.052	327.608	318.754	225.002	460.424	0.521	157541.560	98.959	33.854
σ		293.509	35.160	7.160	25.146	8.885	0.902	1407.889	6.315	5.487
%RSD		44.468	10.732	2.246	11.176	1.930	173.205	0.894	6.381	16.209
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:36:59	3.125	3.125	39.063	7.813	87.500	78.125	10170.807	18713.812	451290.820
2	18:38:07	0.000	0.000	29.688	9.375	87.500	71.875	10353.751	18311.729	458207.400
3	18:39:16	1.563	1.563	20.313	17.188	87.500	87.500	10442.878	18505.728	456488.030
X		1.563	1.563	29.688	11.458	87.500	79.167	10322.478	18510.423	455328.750
σ		1.563	1.563	9.375	5.023	0.000	7.864	138.705	201.083	3601.075
%RSD		100.000	100.000	31.579	43.835	0.000	9.934	1.344	1.086	0.791
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	18:36:59	485788.780	84.375	134.376	750.020	621.889	1545.396	404752.200	80023.506	
2	18:38:07	496402.250	50.000	170.314	706.267	675.016	1565.711	407040.860	80749.448	
3	18:39:16	496436.210	54.688	135.938	715.643	646.890	1559.460	408942.470	81120.290	
X		492875.740	63.021	146.876	723.977	647.931	1556.856	406911.840	80631.082	
σ		6137.519	18.641	20.313	23.036	26.579	10.405	2098.113	557.891	
%RSD		1.245	29.579	13.830	3.182	4.102	0.668	0.516	0.692	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:44:55	15272.222	1.563	603.138	303.128	4465264.700	899096.810	121111.210	147283.470	679.704
2	18:46:03	15175.243	3.125	582.824	325.004	4504356.200	915360.350	123487.680	149051.660	670.328
3	18:47:10	15940.138	3.646	621.889	323.441	4550663.900	925444.260	124231.580	149005.880	710.955
X		15462.534	2.778	602.617	317.191	4506761.600	913300.480	122943.490	148447.000	686.996
σ		416.450	1.084	19.537	12.204	42750.376	13293.963	1629.812	1007.912	21.272
%RSD		2.693	39.031	3.242	3.847	0.949	1.456	1.326	0.679	3.096
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:44:55	56163.310	943.781	29734.037	116580.000	257550.900	12402.256	203836.110	61590.295	3.125
2	18:46:03	57085.705	998.472	29863.995	117941.100	261129.040	12583.665	205501.910	62646.435	10.938
3	18:47:10	58105.429	996.910	30272.666	115849.090	259852.960	12319.372	204883.750	63004.253	9.375
X		57118.148	979.721	29956.899	116790.060	259510.970	12435.098	204740.590	62413.661	7.813
σ		971.466	31.135	281.076	1061.709	1813.423	135.172	842.076	735.158	4.134
%RSD		1.701	3.178	0.938	0.909	0.699	1.087	0.411	1.178	52.915
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:44:55	22416.010	464.070	7084.569	2953.430	340.629	35530.066	1611.028	42.188	56.250
2	18:46:03	21719.623	396.881	7022.038	2922.174	357.817	35309.207	1521.956	42.188	62.500
3	18:47:10	20949.725	403.131	6800.056	2920.611	332.816	35580.191	1539.145	43.750	64.063
X		21695.120	421.360	6968.887	2932.072	343.754	35473.155	1557.377	42.708	60.938
σ		733.450	37.119	149.518	18.514	12.790	144.178	47.252	0.902	4.134
%RSD		3.381	8.809	2.146	0.631	3.721	0.406	3.034	2.112	6.784
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:44:55	151.563	96.875	462.507	289.586	85.938	85.938	180.209	32.813	19.792
2	18:46:03	156.251	90.625	431.257	283.336	110.938	110.938	171.876	25.521	19.271
3	18:47:10	143.751	90.625	490.633	243.231	96.875	96.875	175.001	39.063	26.042
X		150.522	92.709	461.466	272.051	97.917	97.917	175.696	32.465	21.701
σ		6.315	3.608	29.702	25.154	12.533	12.533	4.210	6.778	3.768
%RSD		4.195	3.892	6.436	9.246	12.799	12.799	2.396	20.876	17.362
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:44:55	12.500	23.438	17.188	17.188	23.438	1.563	180929.150	100.000	10.938
2	18:46:03	17.188	28.125	15.625	14.063	12.500	4.688	181459.250	106.250	3.125
3	18:47:10	12.500	12.500	15.625	12.500	20.313	3.125	181960.880	92.188	9.375
X		14.063	21.354	16.146	14.583	18.750	3.125	181449.760	99.480	7.813
σ		2.706	8.018	0.902	2.387	5.634	1.563	515.931	7.046	4.134
%RSD		19.245	37.548	5.587	16.366	30.046	50.000	0.284	7.083	52.915
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:44:55	0.000	0.000	7.813	1.563	134.376	12.500	212.502	359.380	484048.360
2	18:46:03	1.563	1.563	7.813	3.125	135.938	23.438	206.251	387.505	483342.230
3	18:47:10	0.000	0.000	10.938	3.125	148.438	23.438	248.440	410.943	487689.420
X		0.521	0.521	8.854	2.604	139.584	19.792	222.398	385.943	485026.670
σ		0.902	0.902	1.804	0.902	7.708	6.315	22.769	25.817	2332.879
%RSD		173.205	173.205	20.377	34.641	5.522	31.906	10.238	6.689	0.481
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	18:44:55	520858.070	50.000	98.438	132.813	137.501	321.879	451714.840	3819.260	
2	18:46:03	525470.910	40.625	95.313	151.563	139.063	300.003	460157.670	3880.214	
3	18:47:10	524360.910	39.063	109.375	123.438	139.063	268.753	465532.350	3841.141	
X		523563.300	43.229	101.042	135.938	138.542	296.878	459134.960	3846.872	
σ		2407.635	5.916	7.384	14.321	0.902	26.701	6965.297	30.878	
%RSD		0.460	13.684	7.308	10.535	0.651	8.994	1.517	0.803	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	18:52:50	15578.802	1.042	479.696	317.191	4467396.000	913385.310	123593.270	147916.520	721.893
2	18:53:58	15780.586	0.521	459.382	270.315	4474752.400	907409.290	121974.760	146993.000	756.270
3	18:55:06	15605.394	2.604	537.510	273.440	4495883.000	915698.860	124422.290	148538.550	756.270
X		15654.927	1.389	492.196	286.982	4479343.800	912164.490	123330.110	147816.020	744.811
σ		109.633	1.084	40.536	26.208	14788.099	4277.508	1244.808	777.661	19.847
%RSD		0.700	78.062	8.236	9.132	0.330	0.469	1.009	0.526	2.665
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	18:52:50	56295.077	907.841	30040.928	112088.010	260716.930	12316.244	208382.240	62957.171	3.125
2	18:53:58	57148.455	960.970	29594.685	113700.680	258696.310	12431.970	206132.770	63679.110	10.938
3	18:55:06	57979.920	956.282	29765.352	113464.440	263150.000	12614.942	209512.660	63515.886	12.500
X		57141.151	941.698	29800.322	113084.380	260854.410	12454.385	208009.230	63384.056	8.854
σ		842.446	29.414	225.167	870.925	2230.021	150.605	1720.543	378.594	5.023
%RSD		1.474	3.124	0.756	0.770	0.855	1.209	0.827	0.597	56.727
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	18:52:50	17750.083	368.755	5577.651	2948.742	276.565	35478.375	1540.708	32.813	67.188
2	18:53:58	17512.290	362.505	5461.981	2901.857	315.628	35995.291	1590.714	37.500	54.688
3	18:55:06	17421.554	385.943	5563.583	2937.802	259.377	35714.901	1604.778	35.938	70.313
X		17561.309	372.401	5534.405	2929.467	283.857	35729.523	1578.733	35.417	64.063
σ		169.661	12.137	63.114	24.528	28.826	258.768	33.673	2.387	8.268
%RSD		0.966	3.259	1.140	0.837	10.155	0.724	2.133	6.739	12.906
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	18:52:50	135.938	67.188	514.072	238.544	73.438	73.438	162.501	30.208	21.354
2	18:53:58	171.876	68.750	445.319	226.043	81.250	81.250	181.251	33.333	23.958
3	18:55:06	167.188	71.875	498.446	246.356	75.000	75.000	173.439	30.729	22.396
X		158.334	69.271	485.946	236.981	76.563	76.563	172.397	31.424	22.569
σ		19.537	2.387	36.040	10.246	4.134	4.134	9.418	1.674	1.311
%RSD		12.339	3.446	7.417	4.324	5.400	5.400	5.463	5.328	5.808
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	18:52:50	17.188	15.625	14.063	31.250	17.188	1.563	183796.660	110.938	6.250
2	18:53:58	12.500	25.000	23.438	18.750	26.563	0.000	186921.190	123.438	7.813
3	18:55:06	10.938	9.375	9.375	6.250	35.938	0.000	186338.650	92.188	6.250
X		13.542	16.667	15.625	18.750	26.563	0.521	185685.500	108.855	6.771
σ		3.253	7.864	7.160	12.500	9.375	0.902	1661.511	15.729	0.902
%RSD		24.019	47.186	45.826	66.667	35.294	173.205	0.895	14.449	13.323
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	18:52:50	1.563	1.563	1.563	0.000	96.875	20.313	240.627	389.068	492589.240
2	18:53:58	1.563	1.563	6.250	0.000	89.063	18.750	218.752	451.570	505214.160
3	18:55:06	0.000	0.000	6.250	0.000	79.688	14.063	248.440	392.193	506343.740
X		1.042	1.042	4.688	0.000	88.542	17.708	235.939	410.943	501382.380
σ		0.902	0.902	2.706	0.000	8.606	3.253	15.389	35.218	7636.003
%RSD		86.603	86.603	57.735	0.000	9.719	18.368	6.522	8.570	1.523
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	18:52:50	530069.000	35.938	93.750	104.688	81.250	251.565	468166.370	3966.175	
2	18:53:58	541527.600	26.563	98.438	128.126	131.251	262.502	477230.890	4047.448	
3	18:55:06	546460.200	31.250	81.250	85.938	92.188	273.440	480702.230	4128.721	
X		539352.260	31.250	91.146	106.250	101.563	262.502	475366.500	4047.448	
σ		8409.333	4.688	8.885	21.137	26.286	10.938	6472.554	81.273	
%RSD		1.559	15.000	9.748	19.894	25.881	4.167	1.362	2.008	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:00:46	15621.036	103.646	481.258	340.629	4433429.800	912675.220	121475.220	144925.160	27609.467
2	19:01:54	15628.857	106.250	462.507	360.942	4447802.800	900776.610	121415.340	147062.460	27568.763
3	19:03:02	15800.921	94.792	421.881	389.068	4397845.400	898480.880	121167.940	147225.060	27767.585
X		15683.605	101.563	455.216	363.546	4426359.300	903977.570	121352.830	146404.220	27648.605
σ		101.674	6.007	30.353	24.324	25718.249	7619.344	162.898	1283.487	105.031
%RSD		0.648	5.914	6.668	6.691	0.581	0.843	0.134	0.877	0.380
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:00:46	56291.939	1021.912	29889.047	112979.370	255247.610	12173.935	203966.070	62487.930	6.250
2	19:01:54	55670.762	946.906	29015.374	114031.430	254611.400	12197.392	202618.970	62762.568	10.938
3	19:03:02	56310.763	910.967	29461.598	114900.850	253598.310	12086.361	202141.980	62530.303	21.875
X		56091.155	959.928	29455.340	113970.550	254485.770	12152.563	202909.010	62593.600	13.021
σ		364.192	56.607	436.870	962.188	831.795	58.520	946.000	147.856	8.018
%RSD		0.649	5.897	1.483	0.844	0.327	0.482	0.466	0.236	61.579
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:00:46	31003.920	6326.400	5577.651	5215.014	21611.647	73766.525	2492.405	18086.442	3884.903
2	19:01:54	30274.232	5896.529	5640.176	5330.682	21678.937	72817.926	2550.228	18269.487	3969.301
3	19:03:02	30764.340	6238.862	5576.088	5199.383	21486.459	73232.538	2498.656	18084.877	4009.938
X		30680.831	6153.931	5597.972	5248.360	21592.348	73272.330	2513.763	18146.936	3954.714
σ		371.943	227.173	36.558	71.720	97.680	475.549	31.734	106.136	63.781
%RSD		1.212	3.692	0.653	1.367	0.452	0.649	1.262	0.585	1.613
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:00:46	5086.843	2543.977	3983.368	441.153	60.938	60.938	173.439	37.500	18.229
2	19:01:54	5268.159	2439.271	3959.924	438.028	71.875	71.875	194.272	41.146	19.271
3	19:03:02	4905.530	2395.513	4008.375	451.570	79.688	79.688	198.960	27.083	26.042
X		5086.844	2459.587	3983.889	443.583	70.834	70.834	188.890	35.243	21.181
σ		181.315	76.288	24.230	7.091	9.418	9.418	13.585	7.298	4.242
%RSD		3.564	3.102	0.608	1.599	13.296	13.296	7.192	20.707	20.028
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:00:46	12.500	15.625	23.438	21.875	15.625	4.688	181283.600	145.313	1778.236
2	19:01:54	12.500	20.313	23.438	10.938	26.563	7.813	179799.400	157.813	1820.429
3	19:03:02	20.313	17.188	18.750	15.625	18.750	1.563	179568.390	132.813	1886.062
X		15.104	17.708	21.875	16.146	20.313	4.688	180217.130	145.313	1828.242
σ		4.511	2.387	2.706	5.487	5.634	3.125	930.786	12.500	54.336
%RSD		29.863	13.478	12.372	33.986	27.735	66.667	0.516	8.602	2.972
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:00:46	32.813	32.813	1907.940	464.070	81.250	3767.684	13034.068	23171.903	479351.720
2	19:01:54	35.938	35.938	1770.422	495.321	76.563	3755.181	12646.220	23267.370	482075.490
3	19:03:02	42.188	42.188	1826.679	475.008	67.188	3731.737	12977.767	22577.201	473156.490
X		36.979	36.979	1835.014	478.133	75.000	3751.534	12886.018	23005.491	478194.560
σ		4.774	4.774	69.137	15.858	7.160	18.249	209.571	373.969	4570.711
%RSD		12.909	12.909	3.768	3.317	9.547	0.486	1.626	1.626	0.956
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	19:00:46	519463.330	3703.605	8610.407	1162.547	1128.170	2798.712	448632.460	3702.042	
2	19:01:54	514557.680	3541.064	8602.589	1265.681	1121.919	2756.516	451798.680	3766.121	
3	19:03:02	505587.980	3514.495	8532.235	1289.121	1118.794	2661.185	438744.880	3405.093	
X		513203.000	3586.388	8581.744	1239.116	1122.961	2738.804	446392.010	3624.419	
σ		7036.170	102.379	43.054	67.338	4.774	70.453	6809.199	192.625	
%RSD		1.371	2.855	0.502	5.434	0.425	2.572	1.525	5.315	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:08:42	15757.123	0.521	175.001	284.378	998886.160	184594.350	25355.294	30819.145	825.024
2	19:09:50	16021.479	3.646	162.501	270.315	991840.040	184584.850	25109.548	30726.759	820.336
3	19:10:58	15783.715	3.646	164.063	243.752	1000591.700	184461.400	25467.994	29984.560	812.523
X		15854.105	2.604	167.188	266.148	997105.970	184546.860	25310.945	30510.155	819.294
σ		145.558	1.804	6.811	20.631	4639.478	74.170	183.292	457.517	6.315
%RSD		0.918	69.282	4.074	7.752	0.465	0.040	0.724	1.500	0.771
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:08:42	12039.446	967.220	21043.613	89243.511	137833.620	2389.262	41514.922	63060.752	7.813
2	19:09:50	11955.000	981.284	20724.397	89161.753	137040.100	2528.349	41728.042	62662.128	9.375
3	19:10:58	12230.233	901.591	20647.723	90325.278	137180.500	2547.102	41029.147	62365.522	10.938
X		12074.893	950.032	20805.244	89576.847	137351.410	2488.238	41424.037	62696.134	9.375
σ		140.999	42.536	209.963	649.448	423.466	86.227	358.202	348.860	1.563
%RSD		1.168	4.477	1.009	0.725	0.308	3.465	0.865	0.556	16.667
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:08:42	11809.567	295.316	3903.658	2819.028	260.940	36916.387	1118.794	37.500	29.688
2	19:09:50	11645.370	325.004	3844.267	3006.566	267.190	37179.568	1160.985	40.625	42.188
3	19:10:58	11265.378	329.691	3744.241	2904.983	245.315	37455.287	1092.229	31.250	35.938
X		11573.438	316.670	3830.722	2910.192	257.815	37183.748	1124.003	36.458	35.938
σ		279.135	18.642	80.567	93.878	11.268	269.474	34.672	4.774	6.250
%RSD		2.412	5.887	2.103	3.226	4.370	0.725	3.085	13.093	17.391
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:08:42	89.063	40.625	248.440	142.709	51.563	51.563	169.793	23.438	23.958
2	19:09:50	76.563	26.563	285.940	135.938	48.438	48.438	161.980	19.792	21.354
3	19:10:58	73.438	23.438	239.065	134.376	53.125	53.125	182.293	24.479	16.146
X		79.688	30.208	257.815	137.674	51.042	51.042	171.355	22.569	20.486
σ		8.268	9.155	24.804	4.430	2.387	2.387	10.246	2.461	3.978
%RSD		10.376	30.308	9.621	3.218	4.676	4.676	5.979	10.906	19.418
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:08:42	7.813	4.688	10.938	12.500	4.688	6.250	178514.690	129.688	12.500
2	19:09:50	9.375	3.125	6.250	9.375	18.750	1.563	179744.020	89.063	7.813
3	19:10:58	9.375	3.125	12.500	7.813	4.688	3.125	182799.610	131.251	6.250
X		8.854	3.646	9.896	9.896	9.375	3.646	180352.770	116.667	8.854
σ		0.902	0.902	3.253	2.387	8.119	2.387	2206.374	23.919	3.253
%RSD		10.189	24.744	32.868	24.119	86.603	65.465	1.223	20.502	36.735
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:08:42	1.563	1.563	12.500	0.000	87.500	18.750	59.375	112.500	465453.280
2	19:09:50	0.000	0.000	3.125	0.000	96.875	28.125	45.313	109.375	469215.590
3	19:10:58	1.563	1.563	6.250	0.000	84.375	12.500	57.813	68.750	476869.110
X		1.042	1.042	7.292	0.000	89.584	19.792	54.167	96.875	470512.660
σ		0.902	0.902	4.774	0.000	6.505	7.864	7.708	24.407	5817.397
%RSD		86.603	86.603	65.465	0.000	7.262	39.736	14.229	25.194	1.236
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	19:08:42	501845.370	46.875	112.500	57.813	37.500	120.313	436874.790	701.580	
2	19:09:50	504725.460	28.125	85.938	46.875	59.375	114.063	445842.430	759.395	
3	19:10:58	510393.470	42.188	85.938	53.125	53.125	110.938	448529.290	682.829	
X		505654.770	39.063	94.792	52.604	50.000	115.105	443748.840	714.601	
σ		4349.167	9.758	15.336	5.487	11.267	4.774	6102.803	39.910	
%RSD		0.860	24.980	16.179	10.431	22.535	4.147	1.375	5.585	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:16:37	14523.003	24640.503	4894.588	359.380	19464062.000	14079048.000	1898530.200	2272232.400	3205061.500
2	19:17:45	14973.468	23819.842	4819.563	298.441	18993572.000	13585955.000	1861382.900	2216968.600	3121602.500
3	19:18:53	14422.902	24631.633	4905.530	332.816	19325388.000	13949599.000	1907152.100	2264057.400	3195282.100
x		14639.791	24363.993	4873.227	330.212	19261007.000	13871534.000	1889021.800	2251086.200	3173982.000
σ		293.275	471.269	46.795	30.553	241762.230	255648.010	24321.026	29828.064	45624.786
%RSD		2.003	1.934	0.960	9.252	1.255	1.843	1.287	1.325	1.437
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:16:37	28562.706	162125.710	17592.075	79058.782	9654434.500	50302.999	750781.210	56968.049	24422.421
2	19:17:45	28143.206	158742.730	17832.999	79988.938	9381280.900	47638.131	726376.120	58383.120	23874.621
3	19:18:53	29066.106	161036.940	17761.034	79570.989	9487084.000	47447.370	750787.790	58761.228	24414.595
x		28590.673	160635.130	17728.703	79539.569	9507599.800	48462.833	742648.370	58037.466	24237.212
σ		462.085	1726.917	123.673	465.873	137727.640	1596.482	14092.183	945.241	314.038
%RSD		1.616	1.075	0.698	0.586	1.449	3.294	1.898	1.629	1.296
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:16:37	384576.470	367538.220	48391.196	1400423.300	1060743.300	23896122.000	586416.730	447267.200	95782.527
2	19:17:45	374302.680	356470.820	47166.799	1381597.100	1036477.500	23241113.000	567949.420	433673.180	94374.767
3	19:18:53	383031.080	363661.180	47585.371	1384271.100	1045478.900	23731556.000	585865.520	442393.930	94088.513
x		380636.740	362556.740	47714.455	1388763.900	1047566.600	23622930.000	580077.220	441111.430	94748.603
σ		5539.614	5615.751	622.322	10185.515	12266.881	340747.270	10506.603	6887.157	906.772
%RSD		1.455	1.549	1.304	0.733	1.171	1.442	1.811	1.561	0.957
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:16:37	479886.420	231926.870	180875.350	69119.413	4538.221	4538.221	14934.886	6524.927	16.667
2	19:17:45	468300.340	226857.370	178114.420	67850.330	4599.178	4599.178	14898.911	6485.326	14.583
3	19:18:53	480658.610	230481.890	179986.100	68792.319	4688.269	4688.269	14727.379	6326.922	22.917
x		476281.790	229755.380	179658.630	68587.354	4608.556	4608.556	14853.725	6445.725	18.056
σ		6922.913	2611.668	1409.295	658.901	75.463	75.463	110.888	104.775	4.337
%RSD		1.454	1.137	0.784	0.961	1.637	1.637	0.747	1.625	24.019
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:16:37	86687.218	150578.490	164158.100	95700.732	254084.970	0.000	164226.060	10094.190	469243.030
2	19:17:45	83840.616	150602.170	160144.170	95252.438	245411.870	0.000	166133.870	10158.298	463269.940
3	19:18:53	85509.842	151522.770	163489.560	95521.413	252604.370	3.125	165688.110	10122.335	475460.820
x		85345.892	150901.140	162597.280	95491.528	250700.400	1.042	165349.350	10124.941	469324.590
σ		1430.365	538.474	2150.587	225.636	4639.448	1.804	997.999	32.133	6095.849
%RSD		1.676	0.357	1.323	0.236	1.851	173.205	0.604	0.317	1.299
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:16:37	7702.076	7702.076	462893.980	120184.680	322178.390	458855.850	404667.020	720045.530	451485.900
2	19:17:45	7511.349	7511.349	455401.020	117882.810	314154.180	452084.060	397294.040	705297.370	465377.430
3	19:18:53	7641.105	7641.105	458968.770	119667.870	326386.370	454936.570	403715.660	712754.130	459036.520
x		7618.177	7618.177	459087.920	119245.120	320906.310	455292.160	401892.240	712699.010	458633.280
σ		97.409	97.409	3747.898	1207.764	6214.519	3399.869	4010.472	7374.236	6954.537
%RSD		1.279	1.279	0.816	1.013	1.937	0.747	0.998	1.035	1.516
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	19:16:37	492155.930	917055.220	2179692.600	719339.380	684817.410	1630903.500	417638.700	4243697.100	
2	19:17:45	503566.880	900202.690	2196522.100	727992.880	687622.440	1603192.500	431570.290	4115436.400	
3	19:18:53	499861.990	922417.260	2220003.300	735324.760	692671.880	1648355.800	434222.300	4266695.800	
x		498528.270	913225.060	2198739.300	727552.340	688370.580	1627483.900	427810.430	4208609.700	
σ		5821.218	11591.999	20246.631	8001.787	3980.325	22775.049	8908.219	81505.782	
%RSD		1.168	1.269	0.921	1.100	0.578	1.399	2.082	1.937	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:24:30	14713.823	14.583	112.500	243.752	130253.620	7947.523	1064.102	1298.497	1786.049
2	19:25:38	15165.858	16.667	93.750	231.252	124305.660	6212.288	904.716	1057.852	1707.915
3	19:26:46	14820.183	9.375	70.313	240.627	120027.120	4203.743	601.575	637.514	1232.866
X		14899.955	13.542	92.188	238.544	124862.130	6121.185	856.798	997.954	1575.610
σ		236.340	3.756	21.137	6.505	5135.908	1873.552	234.957	334.537	299.385
%RSD		1.586	27.735	22.928	2.727	4.113	30.608	27.423	33.522	19.001
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:24:30	537.510	1062.540	17992.574	80111.497	111340.010	42.188	806.273	59391.953	20.313
2	19:25:38	484.383	975.033	17984.751	81362.286	106873.280	32.813	693.767	59302.520	28.125
3	19:26:46	537.510	989.097	17717.230	80884.585	105900.450	20.313	493.759	58833.399	4.688
X		519.801	1008.890	17898.185	80786.122	108037.910	31.771	664.599	59175.957	17.708
σ		30.673	46.991	156.761	631.181	2900.774	10.975	158.286	300.015	11.934
%RSD		5.901	4.658	0.876	0.781	2.685	34.543	23.817	0.507	67.391
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:24:30	10610.189	392.193	3622.334	3283.190	728.144	41047.951	1178.174	239.065	71.875
2	19:25:38	10278.696	384.380	3611.394	3184.730	550.011	40474.443	1068.790	214.064	62.500
3	19:26:46	10076.990	351.567	3305.070	3030.009	418.756	36928.919	1070.353	120.313	37.500
X		10321.959	376.047	3512.933	3165.976	565.637	39483.771	1105.772	191.147	57.292
σ		269.219	21.557	180.098	127.628	155.285	2231.071	62.706	62.605	17.770
%RSD		2.608	5.733	5.127	4.031	27.453	5.651	5.671	32.752	31.016
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:24:30	251.565	121.876	126.563	132.813	40.625	40.625	157.813	25.000	21.875
2	19:25:38	256.252	79.688	112.500	140.105	25.000	25.000	156.772	18.229	18.229
3	19:26:46	154.688	59.375	93.750	96.354	18.750	18.750	141.147	20.833	22.917
X		220.835	86.979	110.938	123.091	28.125	28.125	151.911	21.354	21.007
σ		57.333	31.882	16.462	23.440	11.267	11.267	9.336	3.415	2.461
%RSD		25.962	36.654	14.839	19.043	40.062	40.062	6.146	15.994	11.717
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:24:30	70.313	129.688	145.313	79.688	225.002	4.688	174008.030	110.938	365.630
2	19:25:38	56.250	101.563	110.938	64.063	164.063	4.688	176420.160	93.750	242.190
3	19:26:46	43.750	81.250	59.375	43.750	103.125	0.000	173044.870	110.938	145.313
X		56.771	104.167	105.209	62.500	164.064	3.125	174491.020	105.209	251.044
σ		13.289	24.324	43.255	18.020	60.938	2.706	1738.705	9.923	110.425
%RSD		23.408	23.351	41.113	28.831	37.143	86.603	0.996	9.432	43.986
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:24:30	4.688	4.688	365.630	82.813	378.130	553.136	229.689	354.692	459099.430
2	19:25:38	9.375	9.375	206.251	45.313	284.378	498.446	170.314	289.065	464719.010
3	19:26:46	1.563	1.563	142.188	34.375	265.627	326.566	103.125	157.813	466558.790
X		5.208	5.208	238.023	54.167	309.378	459.383	167.709	267.190	463459.070
σ		3.932	3.932	115.059	25.404	60.274	118.228	63.322	100.246	3886.010
%RSD		75.498	75.498	48.339	46.899	19.482	25.736	37.757	37.518	0.838
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	19:24:30	498973.930	670.328	1684.474	456.257	428.131	920.342	448068.290	2023.581	
2	19:25:38	503180.170	496.884	1168.798	332.816	337.504	790.647	449994.620	1545.396	
3	19:26:46	504138.070	271.878	615.638	226.564	232.814	520.322	445172.010	1067.227	
X		502097.390	479.696	1156.304	338.546	332.817	743.770	447744.970	1545.401	
σ		2747.072	199.781	534.528	114.954	97.743	204.088	2427.512	478.177	
%RSD		0.547	41.647	46.227	33.955	29.368	27.440	0.542	30.942	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:32:24	15362.944	7.292	525.010	304.691	4210355.000	964731.300	130159.010	157373.010	1306.310
2	19:33:32	15453.667	8.333	535.948	276.565	4256398.900	974240.000	130436.520	157722.140	1442.260
3	19:34:40	15497.464	10.417	546.885	221.877	4268735.600	972807.080	132331.960	159000.250	1482.890
X		15438.025	8.681	535.948	267.711	4245163.200	970592.790	130975.830	158031.800	1410.487
σ		68.611	1.591	10.938	42.111	30769.400	5126.515	1182.611	856.679	92.479
%RSD		0.444	18.330	2.041	15.730	0.725	0.528	0.903	0.542	6.557
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:32:24	53164.367	1003.160	31479.959	101024.700	256068.350	13112.265	214000.320	58855.364	15.625
2	19:33:32	54387.709	1021.912	31558.256	103419.870	258233.360	13343.729	218608.370	59809.314	17.188
3	19:34:40	54262.233	976.596	31508.146	105141.750	260615.100	13593.965	220532.930	60504.419	29.688
X		53938.103	1000.556	31515.454	103195.440	258305.600	13349.986	217713.880	59723.032	20.833
σ		673.006	22.770	39.657	2067.679	2274.234	240.911	3356.907	827.906	7.708
%RSD		1.248	2.276	0.126	2.004	0.880	1.805	1.542	1.386	36.997
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:32:24	12616.506	364.067	3992.745	2912.797	475.008	38431.312	1804.802	131.251	96.875
2	19:33:32	13131.032	421.881	4024.004	3033.135	495.321	40709.484	2023.581	131.251	84.375
3	19:34:40	12977.767	432.819	4039.634	3159.724	515.634	41616.780	2015.767	156.251	92.188
X		12908.435	406.256	4018.794	3035.219	495.321	40252.525	1948.050	139.584	91.146
σ		264.177	36.943	23.874	123.477	20.313	1641.161	124.118	14.434	6.315
%RSD		2.047	9.094	0.594	4.068	4.101	4.077	6.371	10.341	6.928
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:32:24	359.380	162.501	368.755	166.147	35.938	35.938	158.855	36.979	17.708
2	19:33:32	373.442	179.689	309.378	151.563	40.625	40.625	155.730	38.021	20.313
3	19:34:40	353.129	175.001	340.629	150.522	45.313	45.313	175.522	33.333	20.833
X		361.984	172.397	339.587	156.077	40.625	40.625	163.369	36.111	19.618
σ		10.404	8.885	29.702	8.736	4.688	4.688	10.640	2.461	1.674
%RSD		2.874	5.154	8.746	5.597	11.538	11.538	6.513	6.816	8.534
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:32:24	39.063	57.813	57.813	35.938	90.625	1.563	170423.010	93.750	85.938
2	19:33:32	40.625	57.813	65.625	35.938	98.438	1.563	175551.740	112.500	112.500
3	19:34:40	29.688	53.125	71.875	34.375	87.500	3.125	173218.840	115.625	82.813
X		36.458	56.250	65.104	35.417	92.188	2.083	173064.530	107.292	93.750
σ		5.916	2.706	7.046	0.902	5.634	0.902	2567.846	11.831	16.313
%RSD		16.225	4.811	10.822	2.547	6.111	43.301	1.484	11.027	17.401
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:32:24	0.000	0.000	110.938	28.125	185.939	218.752	398.443	743.769	458062.230
2	19:33:32	3.125	3.125	101.563	35.938	164.063	193.751	478.133	753.145	459755.980
3	19:34:40	0.000	0.000	92.188	40.625	176.564	201.564	439.069	803.148	458978.450
X		1.042	1.042	101.563	34.896	175.522	204.689	438.548	766.687	458932.220
σ		1.804	1.804	9.375	6.315	10.975	12.790	39.848	31.922	847.821
%RSD		173.205	173.205	9.231	18.096	6.253	6.248	9.086	4.164	0.185
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	19:32:24	491465.570	340.629	809.398	293.753	279.690	717.206	425368.060	4446.004	
2	19:33:32	490361.400	317.191	765.646	325.004	326.566	707.830	428622.570	4772.672	
3	19:34:40	492089.640	251.565	642.202	326.566	289.065	767.208	424156.250	4581.985	
X		491305.540	303.128	739.082	315.108	298.441	730.748	426048.960	4600.220	
σ		875.165	46.167	86.706	18.510	24.804	31.922	2309.702	164.096	
%RSD		0.178	15.230	11.732	5.874	8.311	4.368	0.542	3.567	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:40:18	15886.954	8.854	439.069	268.753	3925924.700	859066.590	116406.720	138382.640	1012.536
2	19:41:26	15835.334	3.646	410.943	264.065	3944629.300	863968.560	116962.800	140176.560	946.906
3	19:42:34	15819.692	2.083	384.380	287.503	3975765.600	868206.250	118448.400	142100.110	968.783
X		15847.327	4.861	411.464	273.440	3948773.200	863747.130	117272.640	140219.770	976.075
σ		35.198	3.545	27.348	12.402	25177.547	4573.850	1055.517	1859.115	33.417
%RSD		0.222	72.931	6.647	4.536	0.638	0.530	0.900	1.326	3.424
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:40:18	54221.454	921.905	30869.253	103347.480	246491.150	12619.634	206603.560	62376.507	10.938
2	19:41:26	55426.064	976.596	31044.633	105003.240	250395.680	12862.038	209530.100	62555.412	10.938
3	19:42:34	56499.004	992.222	31323.365	107565.950	251643.890	12480.449	213384.970	62884.979	17.188
X		55382.174	963.574	31079.084	105305.550	249510.240	12654.040	209839.550	62605.633	13.021
σ		1139.409	36.923	229.008	2125.422	2688.062	193.107	3401.278	257.929	3.608
%RSD		2.057	3.832	0.737	2.018	1.077	1.526	1.621	0.412	27.713
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:40:18	12180.190	395.318	3783.313	2886.229	445.319	39285.192	1782.924	85.938	62.500
2	19:41:26	12094.180	417.194	3712.983	2878.415	370.317	38544.115	1812.615	48.438	56.250
3	19:42:34	12112.946	450.007	3566.070	3047.200	354.692	38619.318	1853.245	62.500	40.625
X		12129.105	420.840	3687.455	2937.281	390.110	38816.208	1816.261	65.625	53.125
σ		45.225	27.526	110.849	95.272	48.447	407.889	35.302	18.944	11.267
%RSD		0.373	6.541	3.006	3.244	12.419	1.051	1.944	28.868	21.209
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:40:18	114.063	67.188	306.253	122.917	46.875	46.875	183.335	30.208	16.667
2	19:41:26	150.001	59.375	334.379	144.792	23.438	23.438	181.772	33.854	17.708
3	19:42:34	143.751	48.438	312.503	158.334	57.813	57.813	170.834	33.333	18.750
X		135.938	58.333	317.712	142.015	42.708	42.708	178.647	32.465	17.708
σ		19.200	9.418	14.769	17.871	17.562	17.562	6.811	1.972	1.042
%RSD		14.124	16.146	4.648	12.584	41.121	41.121	3.812	6.074	5.882
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:40:18	31.250	43.750	53.125	21.875	67.188	3.125	177644.570	112.500	39.063
2	19:41:26	26.563	28.125	39.063	32.813	53.125	1.563	180457.620	107.813	42.188
3	19:42:34	25.000	18.750	40.625	28.125	50.000	3.125	180967.130	85.938	50.000
X		27.604	30.208	44.271	27.604	56.771	2.604	179689.770	102.084	43.750
σ		3.253	12.630	7.708	5.487	9.155	0.902	1789.427	14.178	5.634
%RSD		11.783	41.808	17.410	19.879	16.127	34.641	0.996	13.888	12.877
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:40:18	0.000	0.000	46.875	17.188	145.313	84.375	484.383	840.650	473821.750
2	19:41:26	1.563	1.563	34.375	6.250	140.626	92.188	557.823	903.154	474924.670
3	19:42:34	3.125	3.125	34.375	17.188	121.876	75.000	460.945	885.965	478917.190
X		1.563	1.563	38.542	13.542	135.938	83.854	501.051	876.589	475887.870
σ		1.563	1.563	7.217	6.315	12.402	8.606	50.544	32.289	2680.802
%RSD		100.000	100.000	18.725	46.632	9.123	10.263	10.088	3.684	0.563
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	19:40:18	505364.660	171.876	376.567	189.064	148.438	328.129	446440.370	3873.963	
2	19:41:26	508776.360	117.188	259.377	159.376	150.001	375.005	453082.140	3737.989	
3	19:42:34	517911.610	106.250	268.753	137.501	132.813	267.190	450317.050	3631.712	
X		510684.210	131.771	301.566	161.980	143.751	323.441	449946.520	3747.888	
σ		6487.404	35.159	65.122	25.880	9.504	54.060	3336.352	121.429	
%RSD		1.270	26.682	21.595	15.977	6.612	16.714	0.741	3.240	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:48:13	14299.340	4.167	13564.249	895.341	131614300.000	11891247.000	1599813.600	1913615.700	623.451
2	19:49:21	14167.960	4.167	13722.212	968.783	132616690.000	11926368.000	1605806.900	1908998.500	615.638
3	19:50:29	14164.832	2.604	13626.809	887.528	131627790.000	11767924.000	1578161.200	1886424.300	603.138
X		14210.711	3.646	13637.757	917.217	131952930.000	11861847.000	1594593.900	1903012.800	614.076
σ		76.772	0.902	79.549	44.828	574876.890	83212.978	14543.184	14550.402	10.246
%RSD		0.540	24.744	0.583	4.887	0.436	0.702	0.912	0.765	1.669
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:48:13	1410917.200	1223.490	325617.560	654706.990	2039230.700	199441.920	3362618.800	62442.942	125.001
2	19:49:21	1430231.600	1178.174	325574.410	666172.340	2011084.100	198229.910	3388841.600	60896.195	93.750
3	19:50:29	1420022.100	1214.114	324898.330	667828.280	2014444.800	196818.410	3372378.200	62460.485	101.563
X		1420390.300	1205.259	325363.430	662902.540	2021586.500	198163.420	3374612.900	61933.208	106.771
σ		9662.491	23.921	403.365	7145.681	15372.445	1313.019	13253.471	898.122	16.263
%RSD		0.680	1.985	0.124	1.078	0.760	0.663	0.393	1.450	15.232
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:48:13	85008.425	2348.631	20220.550	2559.604	553.136	39028.239	12833.887	485.946	476.570
2	19:49:21	90149.171	2201.732	21998.174	2622.116	496.884	37741.978	12389.745	482.821	417.194
3	19:50:29	93355.603	2323.626	23295.541	2450.210	464.070	37983.241	12067.595	501.571	396.881
X		89504.400	2291.330	21838.088	2543.977	504.696	38251.153	12430.409	490.113	430.215
σ		4210.777	78.594	1543.733	87.012	45.044	683.703	384.761	10.046	41.410
%RSD		4.705	3.430	7.069	3.420	8.925	1.787	3.095	2.050	9.625
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:48:13	931.280	446.882	589.075	1823.554	309.378	309.378	403.652	181.772	15.104
2	19:49:21	959.407	429.694	514.072	1911.586	360.942	360.942	374.484	198.960	18.750
3	19:50:29	928.155	495.321	593.762	1969.407	359.380	359.380	382.297	188.022	22.917
X		939.614	457.299	565.636	1901.516	343.233	343.233	386.811	189.585	18.924
σ		17.212	34.031	44.718	73.446	29.330	29.330	15.099	8.700	3.909
%RSD		1.832	7.442	7.906	3.862	8.545	8.545	3.903	4.589	20.657
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:48:13	175.001	335.941	323.441	220.314	462.507	1.563	152359.720	82.813	78.125
2	19:49:21	203.126	314.066	326.566	207.814	496.884	3.125	152972.470	81.250	46.875
3	19:50:29	198.439	342.192	318.754	228.127	529.697	3.125	153288.330	110.938	31.250
X		192.189	330.733	322.920	218.752	496.363	2.604	152873.510	91.667	52.083
σ		15.068	14.769	3.932	10.246	33.598	0.902	472.146	16.707	23.868
%RSD		7.840	4.465	1.218	4.684	6.769	34.641	0.309	18.226	45.826
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:48:13	0.000	0.000	46.875	9.375	76.563	125.001	3122.216	5474.486	441747.820
2	19:49:21	0.000	0.000	37.500	4.688	79.688	95.313	3064.391	5402.584	448999.990
3	19:50:29	0.000	0.000	37.500	7.813	73.438	95.313	2970.621	5535.447	448174.670
X		0.000	0.000	40.625	7.292	76.563	105.209	3052.410	5470.839	446307.500
σ		0.000	0.000	5.413	2.387	3.125	17.140	76.504	66.507	3970.295
%RSD		0.000	0.000	13.323	32.733	4.082	16.292	2.506	1.216	0.890
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	19:48:13	478644.200	115.625	254.690	1000.035	821.899	2081.402	399252.190	70867.530	
2	19:49:21	485313.650	62.500	153.126	840.650	676.579	1726.667	404411.500	70884.803	
3	19:50:29	490025.150	57.813	162.501	665.641	632.827	1500.079	406579.570	70881.662	
X		484661.000	78.646	190.106	835.442	710.435	1769.382	403414.420	70877.998	
σ		5718.474	32.111	56.128	167.258	98.978	293.006	3764.069	9.201	
%RSD		1.180	40.829	29.525	20.020	13.932	16.560	0.933	0.013	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	19:56:07	15428.640	1.563	8114.804	714.080	102279020.000	17656266.000	2400691.000	2808497.500	834.399
2	19:57:15	15208.091	3.125	8147.635	646.890	100460770.000	17409197.000	2349218.300	2768630.200	826.586
3	19:58:23	14892.133	2.604	7888.115	673.453	102326750.000	17350987.000	2349656.900	2796583.800	785.959
X		15176.288	2.431	8050.185	678.141	101688850.000	17472150.000	2366522.100	2791237.200	815.648
σ		269.663	0.796	141.313	33.840	1063815.600	162083.520	29591.999	20464.349	26.007
%RSD		1.777	32.733	1.755	4.990	1.046	0.928	1.250	0.733	3.188
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	19:56:07	1304401.100	803.148	35842.950	673939.870	2920797.800	250200.110	4288848.700	63007.256	79.688
2	19:57:15	1313950.900	834.399	354854.760	681338.070	2889138.100	247818.510	4223314.900	63811.330	76.563
3	19:58:23	1294061.900	728.144	356714.290	689490.580	2889835.000	248200.050	4250130.800	62673.930	65.625
X		1304138.000	788.563	355804.000	681589.510	2899923.600	248739.550	4254098.100	63164.172	73.959
σ		9947.093	54.609	930.373	7778.407	18080.890	1279.183	32946.552	584.711	7.384
%RSD		0.763	6.925	0.261	1.141	0.623	0.514	0.774	0.926	9.984
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	19:56:07	95842.301	892.215	23846.449	2448.647	398.443	39893.123	15383.278	364.067	534.385
2	19:57:15	99018.541	879.715	24909.197	2476.777	443.757	39408.970	15137.704	360.942	428.131
3	19:58:23	101890.190	909.404	26087.861	2442.396	448.445	38907.598	14225.830	351.567	468.758
X		98917.011	893.778	24947.836	2455.940	430.215	39403.231	14915.604	358.859	477.091
σ		3025.222	14.906	1121.206	18.314	27.615	492.788	609.851	6.505	53.615
%RSD		3.058	1.668	4.494	0.746	6.419	1.251	4.089	1.813	11.238
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	19:56:07	1006.285	506.259	740.644	1867.310	514.072	514.072	776.584	358.859	19.271
2	19:57:15	987.534	539.073	739.082	1960.030	529.697	529.697	760.958	364.588	22.917
3	19:58:23	1014.098	546.885	664.078	1935.027	557.823	557.823	759.916	386.464	16.146
X		1002.639	530.739	714.601	1920.789	533.864	533.864	765.819	369.970	19.444
σ		13.652	21.557	43.761	47.972	22.171	22.171	9.337	14.568	3.389
%RSD		1.362	4.062	6.124	2.498	4.153	4.153	1.219	3.938	17.428
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	19:56:07	265.938	496.884	506.259	346.879	803.148	1.563	156264.060	92.188	60.938
2	19:57:15	262.344	534.385	512.509	340.629	839.087	3.125	158295.620	89.063	51.563
3	19:58:23	17.969	529.697	529.697	345.317	818.773	1.563	158110.780	85.938	43.750
X		182.083	520.322	516.155	344.275	820.336	2.083	157556.820	89.063	52.083
σ		142.139	20.433	12.137	3.253	18.021	0.902	1123.370	3.125	8.606
%RSD		78.062	3.927	2.351	0.945	2.197	43.301	0.713	3.509	16.523
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	19:56:07	1.563	1.563	29.688	9.375	68.750	106.250	5321.303	9338.989	454630.170
2	19:57:15	1.563	1.563	48.438	4.688	50.000	82.813	5036.825	9131.042	459239.770
3	19:58:23	1.563	1.563	35.938	7.813	75.000	85.938	5166.559	9342.116	463629.770
X		1.563	1.563	38.021	7.292	64.583	91.667	5174.896	9270.716	459166.570
σ		0.000	0.000	9.547	2.387	13.010	12.726	142.422	120.971	4500.247
%RSD		0.000	0.000	25.110	32.733	20.145	13.883	2.752	1.305	0.980
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	19:56:07	498647.190	48.438	110.938	729.706	628.139	1526.644	415084.600	76622.121	
2	19:57:15	502712.570	50.000	106.250	635.952	639.077	1439.135	418890.180	77280.340	
3	19:58:23	507031.570	39.063	118.750	684.391	576.574	1421.946	421126.370	78084.696	
X		502797.110	45.833	111.980	683.350	614.597	1462.575	418367.050	77329.052	
σ		4192.831	5.916	6.315	46.886	33.379	56.147	3054.667	732.503	
%RSD		0.834	12.907	5.639	6.861	5.431	3.839	0.730	0.947	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:04:02	14657.516	2.604	7555.122	618.763	98761957.000	16964413.000	2279778.500	2709806.000	523.447
2	20:05:10	14530.824	6.771	7830.270	645.327	98758457.000	16836170.000	2241215.700	2690608.700	454.695
3	20:06:18	14721.644	1.042	7809.947	667.203	98884496.000	16827591.000	2289154.400	2720215.900	518.759
X		14636.661	3.472	7731.780	643.765	98801637.000	16876058.000	2270049.500	2706876.900	498.967
σ		97.104	2.962	153.327	24.258	71780.143	76637.919	25407.114	15019.361	38.413
%RSD		0.663	85.294	1.983	3.768	0.073	0.454	1.119	0.555	7.698
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:04:02	1254676.600	779.709	347438.270	680794.300	2821335.000	240572.780	4120234.700	61709.041	93.750
2	20:05:10	1272586.600	765.646	343705.840	685836.460	2793837.300	250908.030	4072338.800	61799.682	106.250
3	20:06:18	1274953.000	718.768	343949.100	687396.320	2786032.500	239335.070	4079851.000	62261.660	100.000
X		1267405.400	754.707	345031.070	684675.690	2800401.600	243605.290	4090808.200	61923.461	100.000
σ		11086.786	31.909	2088.241	3450.683	18544.114	6354.561	25759.457	296.374	6.250
%RSD		0.875	4.228	0.605	0.504	0.662	2.609	0.630	0.479	6.250
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:04:02	99547.196	875.027	25004.677	2637.744	376.567	38221.375	14532.388	307.816	475.008
2	20:05:10	103194.820	860.963	26714.017	2414.267	420.319	37976.974	13780.080	362.505	370.317
3	20:06:18	105624.980	915.654	27371.509	2473.652	396.881	37948.774	14408.825	353.129	407.818
X		102789.000	883.882	26363.401	2508.554	397.922	38049.041	14240.431	341.150	417.715
σ		3059.148	28.400	1221.750	115.755	21.894	149.910	403.434	29.246	53.042
%RSD		2.976	3.213	4.634	4.614	5.502	0.394	2.833	8.573	12.698
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:04:02	746.895	382.818	487.508	1863.142	485.946	485.946	707.830	381.255	22.396
2	20:05:10	729.706	421.881	460.945	1960.551	556.261	556.261	744.290	378.130	17.708
3	20:06:18	756.270	450.007	429.694	1934.506	537.510	537.510	735.956	360.421	17.188
X		744.290	418.235	459.382	1919.400	526.572	526.572	729.359	373.269	19.097
σ		13.472	33.743	28.939	50.431	36.411	36.411	19.105	11.235	2.869
%RSD		1.810	8.068	6.300	2.627	6.915	6.915	2.619	3.010	15.021
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:04:02	1067.344	464.070	534.385	335.941	773.458	7.813	150952.720	60.938	73.438
2	20:05:10	955.938	495.321	526.572	304.691	740.644	1.563	151194.320	79.688	37.500
3	20:06:18	1135.625	479.696	507.822	359.380	704.705	0.000	149380.070	92.188	35.938
X		1052.969	479.696	522.926	333.337	739.603	3.125	150509.030	77.604	48.958
σ		90.702	15.626	13.652	27.437	34.389	4.134	985.148	15.729	21.214
%RSD		8.614	3.257	2.611	8.231	4.650	132.288	0.655	20.268	43.331
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:04:02	1.563	1.563	54.688	1.563	64.063	70.313	4916.471	8965.312	444441.980
2	20:05:10	1.563	1.563	39.063	3.125	70.313	90.625	4764.857	8643.239	445682.880
3	20:06:18	1.563	1.563	46.875	9.375	71.875	79.688	4821.126	8607.280	440305.880
X		1.563	1.563	46.875	4.688	68.750	80.209	4834.151	8738.610	443476.920
σ		0.000	0.000	7.813	4.134	4.134	10.166	76.642	197.151	2815.414
%RSD		0.000	0.000	16.667	88.192	6.013	12.675	1.585	2.256	0.635
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	20:04:02	475460.820	35.938	81.250	593.762	506.259	1225.053	393868.300	72755.108	
2	20:05:10	478014.260	26.563	60.938	517.197	523.447	1179.736	395641.290	71731.199	
3	20:06:18	473657.050	23.438	73.438	565.636	460.945	1126.607	389855.770	70710.505	
X		475710.710	28.646	71.875	558.865	496.884	1177.132	393121.790	71732.271	
σ		2189.327	6.505	10.246	38.729	32.289	49.274	2964.124	1022.302	
%RSD		0.460	22.709	14.255	6.930	6.498	4.186	0.754	1.425	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:11:58	14881.184	1.563	10177.061	668.766	111202270.000	16657910.000	2260070.100	2668817.400	496.884
2	20:13:06	14388.492	3.646	10097.317	634.389	110490700.000	16572709.000	2258423.700	2668070.700	506.259
3	20:14:14	14743.542	2.604	10449.133	732.831	111795440.000	16816980.000	2255318.000	2707485.800	496.884
X		14671.073	2.604	10241.170	678.662	111162800.000	16682533.000	2257937.300	2681458.000	500.009
σ		254.215	1.042	184.461	49.962	653264.470	123983.200	2413.090	22543.859	5.413
%RSD		1.733	40.000	1.801	7.362	0.588	0.743	0.107	0.841	1.083
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:11:58	1301384.400	845.338	366289.570	656646.150	2792375.700	232090.430	3972581.600	62112.540	98.438
2	20:13:06	1284234.800	793.772	364515.350	667658.100	2791786.000	231299.630	3986187.200	61562.846	100.000
3	20:14:14	1293959.500	823.461	366546.020	681167.730	2812074.100	245578.290	3997039.800	59843.589	71.875
X		1293192.900	820.857	365783.650	668490.660	2798745.300	236322.790	3985269.500	61172.992	90.104
σ		8600.424	25.881	1105.833	12281.974	11546.896	8025.250	12254.882	1183.649	15.806
%RSD		0.665	3.153	0.302	1.837	0.413	3.396	0.308	1.935	17.542
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:11:58	101320.540	1056.289	25385.034	2365.821	384.380	38014.574	14915.595	382.818	528.135
2	20:13:06	105861.090	1073.478	27155.473	2415.829	371.880	38285.609	14566.798	362.505	518.759
3	20:14:14	108315.330	976.596	27957.017	2387.700	381.255	37463.120	14497.978	393.755	487.508
X		105165.650	1035.454	26832.508	2389.783	379.172	37921.101	14660.124	379.693	511.467
σ		3548.874	51.692	1316.056	25.069	6.505	419.136	223.905	15.858	21.272
%RSD		3.375	4.992	4.905	1.049	1.716	1.105	1.527	4.177	4.159
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:11:58	607.825	323.441	421.881	1954.300	504.696	504.696	647.410	344.275	18.750
2	20:13:06	637.514	290.628	446.882	1920.963	489.071	489.071	668.245	334.379	15.625
3	20:14:14	582.824	332.816	393.755	2001.182	473.445	473.445	651.577	344.796	16.146
X		609.388	315.628	420.840	1958.815	489.071	489.071	655.744	341.150	16.840
σ		27.378	22.153	26.579	40.300	15.626	15.626	11.024	5.870	1.674
%RSD		4.493	7.019	6.316	2.057	3.195	3.195	1.681	1.721	9.942
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:11:58	1369.219	457.820	475.008	270.315	731.269	1.563	147202.950	96.875	34.375
2	20:13:06	1247.031	523.447	476.570	301.566	732.831	0.000	147965.460	84.375	14.063
3	20:14:14	1232.656	531.260	487.508	328.129	757.833	1.563	149432.170	84.375	26.563
X		1282.969	504.176	479.696	300.003	740.644	1.042	148200.190	88.542	25.000
σ		75.040	40.335	6.811	28.939	14.906	0.902	1132.994	7.217	10.246
%RSD		5.849	8.000	1.420	9.646	2.013	86.603	0.765	8.151	40.984
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:11:58	1.563	1.563	34.375	0.000	68.750	73.438	6134.129	10338.114	423634.870
2	20:13:06	3.125	3.125	26.563	4.688	60.938	73.438	5929.355	10714.954	427449.120
3	20:14:14	1.563	1.563	26.563	6.250	56.250	87.500	6018.455	10883.832	433180.440
X		2.083	2.083	29.167	3.646	61.979	78.125	6027.313	10645.634	428088.140
σ		0.902	0.902	4.511	3.253	6.315	8.119	102.674	279.385	4804.762
%RSD		43.301	43.301	15.465	89.214	10.189	10.392	1.703	2.624	1.122
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	20:11:58	458805.850	17.188	73.438	534.385	501.571	1126.607	377266.630	82091.439	
2	20:13:06	463886.340	23.438	53.125	498.446	448.445	1029.725	379579.840	83754.174	
3	20:14:14	467461.010	12.500	45.313	545.323	473.445	1139.108	385322.740	85344.796	
X		463384.400	17.708	57.292	526.051	474.487	1098.480	380723.070	83730.137	
σ		4349.360	5.487	14.518	24.524	26.579	59.871	4147.945	1626.812	
%RSD		0.939	30.987	25.341	4.662	5.602	5.450	1.089	1.943	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:19:54	15190.885	0.000	878.152	226.564	6012215.800	543563.930	73202.698	87949.586	481.258
2	20:21:02	15006.315	0.521	817.211	270.315	6093516.200	547259.500	74570.683	88408.657	509.384
3	20:22:10	15111.113	2.604	778.146	309.378	6146899.900	544945.950	74614.662	88015.616	529.697
X		15102.771	1.042	824.503	268.753	6084210.600	545256.460	74129.348	88124.620	506.780
σ		92.567	1.378	50.400	41.429	67822.551	1867.248	802.804	248.189	24.324
%RSD		0.613	132.288	6.113	15.415	1.115	0.342	1.083	0.282	4.800
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:19:54	63095.278	906.279	30697.008	115395.440	189191.400	8871.504	146369.460	59765.381	7.813
2	20:21:02	62941.477	806.273	30952.245	114866.200	190595.820	8849.615	148949.040	58839.675	7.813
3	20:22:10	62850.453	987.534	30809.750	111672.280	190084.390	8876.194	146628.340	59881.490	15.625
X		62962.403	900.029	30819.668	113977.970	189957.210	8865.771	147315.610	59495.515	10.417
σ		123.747	90.792	127.907	2014.249	710.797	14.187	1420.499	570.934	4.511
%RSD		0.197	10.088	0.415	1.767	0.374	0.160	0.964	0.960	43.301
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:19:54	23486.478	426.569	7076.752	2881.541	303.128	33489.207	1400.069	34.375	29.688
2	20:21:02	22103.023	403.131	7203.378	2858.098	259.377	33699.075	1350.064	39.063	50.000
3	20:22:10	21062.390	432.819	6917.299	2736.200	248.440	34336.528	1317.248	28.125	45.313
X		22217.297	420.840	7065.810	2825.280	270.315	33841.604	1355.794	33.854	41.667
σ		1216.077	15.651	143.353	78.031	28.938	441.275	41.706	5.487	10.636
%RSD		5.474	3.719	2.029	2.762	10.705	1.304	3.076	16.209	25.526
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:19:54	89.063	28.125	226.564	293.232	96.875	96.875	146.876	30.208	18.229
2	20:21:02	70.313	42.188	210.939	273.961	75.000	75.000	168.751	26.042	21.354
3	20:22:10	95.313	28.125	229.689	258.857	90.625	90.625	150.001	24.479	22.917
X		84.896	32.813	222.398	275.350	87.500	87.500	155.209	26.910	20.833
σ		13.010	8.119	10.046	17.230	11.267	11.267	11.831	2.962	2.387
%RSD		15.325	24.744	4.517	6.257	12.877	12.877	7.623	11.006	11.456
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:19:54	15.625	18.750	20.313	7.813	23.438	1.563	174398.690	106.250	12.500
2	20:21:02	15.625	14.063	25.000	14.063	29.688	1.563	173664.830	115.625	9.375
3	20:22:10	21.875	9.375	21.875	7.813	23.438	4.688	177174.720	100.000	3.125
X		17.708	14.063	22.396	9.896	25.521	2.604	175079.410	107.292	8.333
σ		3.608	4.688	2.387	3.608	3.608	1.804	1851.318	7.864	4.774
%RSD		20.377	33.333	10.657	36.464	14.139	69.282	1.057	7.330	57.282
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:19:54	0.000	0.000	10.938	0.000	68.750	14.063	128.126	221.877	469695.020
2	20:21:02	0.000	0.000	3.125	1.563	65.625	18.750	151.563	254.690	462246.960
3	20:22:10	1.563	1.563	12.500	0.000	68.750	10.938	112.500	251.565	474333.640
X		0.521	0.521	8.854	0.521	67.708	14.583	130.730	242.710	468758.540
σ		0.902	0.902	5.023	0.902	1.804	3.932	19.661	18.110	6097.513
%RSD		173.205	173.205	56.727	173.205	2.665	26.964	15.040	7.462	1.301
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	20:19:54	504649.410	12.500	34.375	115.625	96.875	235.939	438859.250	2897.169	
2	20:21:02	499273.180	17.188	35.938	110.938	78.125	223.439	439861.240	2926.862	
3	20:22:10	513459.850	18.750	45.313	90.625	89.063	239.065	446640.220	2858.098	
X		505794.140	16.146	38.542	105.730	88.021	232.814	441786.900	2894.043	
σ		7162.278	3.253	5.916	13.289	9.418	8.268	4232.849	34.488	
%RSD		1.416	20.145	15.348	12.569	10.700	3.551	0.958	1.192	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:27:50	15233.117	1.042	476.570	267.190	4608215.200	784307.710	105052.030	126124.630	595.325
2	20:28:59	14593.388	1.042	479.696	300.003	4716567.500	804498.440	108745.140	131147.680	590.637
3	20:30:07	14926.544	2.604	535.948	321.879	4629260.300	785816.990	105234.620	127787.740	642.202
X		14917.683	1.563	497.405	296.357	4651347.700	791541.050	106343.930	128353.350	609.388
σ		319.957	0.902	33.416	27.526	57453.822	11246.775	2081.510	2558.846	28.514
%RSD		2.145	57.735	6.718	9.288	1.235	1.421	1.957	1.994	4.679
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:27:50	56301.351	893.778	31611.499	105541.560	223540.070	11002.673	179532.000	59806.176	7.813
2	20:28:59	56404.883	959.407	31606.801	106196.380	226484.340	11065.221	181225.060	58436.462	10.938
3	20:30:07	57098.255	882.840	31671.005	105078.790	224885.940	10946.380	180734.520	59148.760	14.063
X		56601.497	912.008	31629.768	105605.580	224970.110	11004.758	180497.190	59130.466	10.938
σ		433.309	41.411	35.789	561.540	1473.939	59.448	871.120	685.040	3.125
%RSD		0.766	4.541	0.113	0.532	0.655	0.540	0.483	1.159	28.571
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:27:50	18328.938	325.004	5868.393	2881.541	240.627	33655.222	1584.463	21.875	40.625
2	20:28:59	18322.680	365.630	5902.782	2714.320	260.940	34067.134	1536.020	9.375	46.875
3	20:30:07	17709.408	303.128	5668.312	2836.219	271.878	33683.413	1492.265	20.313	32.813
X		18120.342	331.254	5813.162	2810.693	257.815	33801.923	1537.583	17.188	40.104
σ		355.893	31.716	126.617	86.483	15.858	230.112	46.119	6.811	7.046
%RSD		1.964	9.575	2.178	3.077	6.151	0.681	2.999	39.626	17.569
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:27:50	92.188	25.000	84.375	244.794	68.750	68.750	167.188	35.938	21.354
2	20:28:59	89.063	31.250	90.625	216.147	70.313	70.313	155.730	34.375	28.125
3	20:30:07	68.750	35.938	101.563	239.585	96.875	96.875	171.876	25.521	22.917
X		83.334	30.729	92.188	233.509	78.646	78.646	164.932	31.944	24.132
σ		12.726	5.487	8.700	15.259	15.806	15.806	8.306	5.618	3.545
%RSD		15.271	17.857	9.437	6.535	20.098	20.098	5.036	17.586	14.691
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:27:50	20.313	26.563	21.875	23.438	34.375	1.563	171776.580	118.750	14.063
2	20:28:59	26.563	18.750	29.688	26.563	39.063	4.688	168002.410	76.563	6.250
3	20:30:07	15.625	25.000	32.813	21.875	18.750	6.250	169714.650	109.375	10.938
X		20.833	23.438	28.125	23.958	30.729	4.167	169831.210	101.563	10.417
σ		5.487	4.134	5.634	2.387	10.636	2.387	1889.785	22.152	3.932
%RSD		26.339	17.638	20.031	9.962	34.611	57.282	1.113	21.812	37.749
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:27:50	1.563	1.563	1.563	0.000	48.438	9.375	218.752	364.067	455031.720
2	20:28:59	0.000	0.000	6.250	1.563	65.625	14.063	182.814	400.006	444670.820
3	20:30:07	1.563	1.563	9.375	1.563	57.813	4.688	228.127	396.881	447605.680
X		1.042	1.042	5.729	1.042	57.292	9.375	209.897	386.984	449102.740
σ		0.902	0.902	3.932	0.902	8.606	4.688	23.919	19.908	5340.220
%RSD		86.603	86.603	68.635	86.603	15.021	50.000	11.396	5.144	1.189
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	20:27:50	488389.290	18.750	42.188	90.625	81.250	168.751	422448.950	2986.250	
2	20:28:59	479652.180	17.188	39.063	56.250	68.750	160.938	417953.970	2972.184	
3	20:30:07	481401.770	18.750	37.500	48.438	70.313	178.126	417773.810	2936.239	
X		483147.750	18.229	39.583	65.104	73.438	169.272	419392.240	2964.891	
σ		4622.834	0.902	2.387	22.444	6.811	8.606	2648.717	25.791	
%RSD		0.957	4.949	6.030	34.474	9.274	5.084	0.632	0.870	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:35:47	14723.208	2.083	443.757	281.253	4635960.900	792383.500	105689.520	126517.140	601.575
2	20:36:55	15126.754	0.521	450.007	259.377	4612622.900	790461.900	106423.060	128601.250	615.638
3	20:38:03	15145.524	1.563	459.382	257.815	4579312.400	786399.830	105806.000	127557.580	560.949
X		14998.496	1.389	451.049	266.148	4609298.700	789748.410	105972.860	127558.650	592.721
σ		238.591	0.796	7.865	13.104	28470.147	3054.972	394.210	1042.056	28.400
%RSD		1.591	57.282	1.744	4.924	0.618	0.387	0.372	0.817	4.791
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:35:47	56160.172	932.843	31539.465	104848.980	223714.640	10721.209	178755.170	58502.356	12.500
2	20:36:55	57195.518	881.277	31592.707	105727.300	225230.370	11066.785	182002.030	59848.540	20.313
3	20:38:03	57327.294	998.472	31960.712	105097.680	226219.250	10775.938	179240.880	60565.615	14.063
X		56894.328	937.531	31697.628	105224.650	225054.750	10854.644	179999.360	59638.837	15.625
σ		639.203	58.738	229.387	452.715	1261.504	185.746	1751.283	1047.493	4.134
%RSD		1.123	6.265	0.724	0.430	0.561	1.711	0.973	1.756	26.458
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:35:47	16209.191	328.129	5055.582	2751.827	435.944	35042.928	1525.081	34.375	51.563
2	20:36:55	16378.133	317.191	5130.609	2829.968	478.133	34815.811	1643.845	17.188	46.875
3	20:38:03	16206.062	304.691	5050.893	2898.732	426.569	35248.119	1632.906	25.000	48.438
X		16264.462	316.670	5079.028	2826.842	446.882	35035.619	1600.611	25.521	48.958
σ		98.455	11.728	44.732	73.502	27.467	216.247	65.638	8.606	2.387
%RSD		0.605	3.703	0.881	2.600	6.146	0.617	4.101	33.720	4.875
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:35:47	85.938	37.500	150.001	207.814	62.500	62.500	167.188	31.250	22.396
2	20:36:55	104.688	50.000	173.439	218.231	48.438	48.438	170.834	35.417	20.313
3	20:38:03	82.813	37.500	170.314	210.418	60.938	60.938	174.480	22.917	23.438
X		91.146	41.667	164.584	212.154	57.292	57.292	170.834	29.861	22.049
σ		11.831	7.217	12.726	5.421	7.708	7.708	3.646	6.365	1.591
%RSD		12.980	17.321	7.732	2.555	13.453	13.453	2.134	21.314	7.217
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:35:47	18.750	29.688	43.750	12.500	23.438	1.563	169559.710	95.313	15.625
2	20:36:55	7.813	29.688	20.313	23.438	37.500	3.125	171319.580	104.688	9.375
3	20:38:03	14.063	17.188	35.938	23.438	51.563	1.563	172437.600	109.375	0.000
X		13.542	25.521	33.333	19.792	37.500	2.083	171105.630	103.125	8.333
σ		5.487	7.217	11.934	6.315	14.063	0.902	1450.826	7.160	7.864
%RSD		40.522	28.278	35.801	31.906	37.500	43.301	0.848	6.943	94.373
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:35:47	1.563	1.563	6.250	0.000	75.000	18.750	217.189	362.505	448646.970
2	20:36:55	1.563	1.563	3.125	0.000	79.688	14.063	206.251	364.067	456209.010
3	20:38:03	0.000	0.000	4.688	1.563	110.938	14.063	225.002	389.068	459825.350
X		1.042	1.042	4.688	0.521	88.542	15.625	216.147	371.880	454893.780
σ		0.902	0.902	1.563	0.902	19.537	2.706	9.418	14.906	5704.073
%RSD		86.603	86.603	33.333	173.205	22.065	17.321	4.357	4.008	1.254
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	20:35:47	482479.410	25.000	65.625	53.125	81.250	189.064	416017.410	2908.108	
2	20:36:55	490093.050	9.375	45.313	89.063	73.438	175.001	424289.820	2873.727	
3	20:38:03	496518.690	23.438	43.750	85.938	62.500	150.001	433386.550	2889.355	
X		489697.050	19.271	51.563	76.042	72.396	171.355	424564.590	2890.396	
σ		7028.013	8.606	12.204	19.908	9.418	19.785	8687.830	17.215	
%RSD		1.435	44.656	23.667	26.180	13.009	11.546	2.046	0.596	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:43:44	15089.215	2.083	553.136	260.940	5211550.600	795679.470	106375.830	126733.100	509.384
2	20:44:52	15459.923	0.521	489.071	293.753	5211111.000	794427.260	105366.840	127989.540	517.197
3	20:46:00	15381.714	1.042	560.949	289.065	5280478.700	801446.800	106090.920	128281.200	518.759
x		15310.284	1.215	534.385	281.253	5234380.100	797184.510	105944.530	127667.950	515.113
σ		195.404	0.796	39.437	17.747	39923.159	3743.974	520.184	822.630	5.023
%RSD		1.276	65.465	7.380	6.310	0.763	0.470	0.491	0.644	0.975
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:43:44	56542.928	901.591	32803.244	105736.740	226166.870	10705.572	177867.630	60945.350	10.938
2	20:44:52	58438.031	953.157	32292.707	104839.540	227071.670	10716.518	179250.380	60425.963	21.875
3	20:46:00	58503.925	870.339	32629.409	106303.420	228467.100	10732.155	181179.170	61183.866	10.938
x		57828.295	908.362	32575.120	105626.570	227235.210	10718.082	179432.390	60851.727	14.583
σ		1113.648	41.822	259.562	738.134	1158.803	13.360	1663.255	387.528	6.315
%RSD		1.926	4.604	0.797	0.699	0.510	0.125	0.927	0.637	43.301
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:43:44	14809.234	312.503	4646.068	2845.596	201.564	34717.134	1506.329	23.438	42.188
2	20:44:52	15062.624	404.693	4716.403	2903.420	235.939	34630.987	1623.530	25.000	59.375
3	20:46:00	14768.567	292.190	4786.739	2870.601	225.002	34865.933	1634.468	23.438	64.063
x		14880.142	336.462	4716.404	2873.206	220.835	34738.018	1588.109	23.958	55.208
σ		159.337	59.956	70.336	29.000	17.562	118.857	71.034	0.902	11.517
%RSD		1.071	17.820	1.491	1.009	7.953	0.342	4.473	3.765	20.862
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:43:44	59.375	20.313	92.188	197.397	67.188	67.188	167.709	30.208	17.188
2	20:44:52	70.313	34.375	109.375	209.377	62.500	62.500	186.980	36.979	20.833
3	20:46:00	85.938	28.125	103.125	200.522	70.313	70.313	158.334	30.729	16.146
x		71.875	27.604	101.563	202.432	66.667	66.667	171.008	32.639	18.056
σ		13.350	7.046	8.700	6.214	3.932	3.932	14.605	3.768	2.461
%RSD		18.574	25.524	8.566	3.070	5.898	5.898	8.541	11.544	13.632
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:43:44	18.750	25.000	29.688	15.625	31.250	3.125	177158.900	92.188	17.188
2	20:44:52	17.188	23.438	26.563	14.063	25.000	1.563	176556.200	120.313	3.125
3	20:46:00	28.125	21.875	17.188	6.250	31.250	1.563	178172.960	109.375	7.813
x		21.354	23.438	24.479	11.979	29.167	2.083	177296.020	107.292	9.375
σ		5.916	1.563	6.505	5.023	3.608	0.902	817.056	14.178	7.160
%RSD		27.702	6.667	26.574	41.929	12.372	43.301	0.461	13.214	76.376
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:43:44	0.000	0.000	6.250	0.000	62.500	10.938	290.628	468.758	472539.690
2	20:44:52	0.000	0.000	1.563	0.000	62.500	12.500	214.064	512.509	478148.320
3	20:46:00	0.000	0.000	7.813	0.000	50.000	7.813	296.878	464.070	478991.500
x		0.000	0.000	5.208	0.000	58.333	10.417	267.190	481.779	476559.840
σ		0.000	0.000	3.253	0.000	7.217	2.387	46.114	26.716	3506.980
%RSD		0.000	0.000	62.450	0.000	12.372	22.913	17.259	5.545	0.736
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	20:43:44	512475.430	23.438	50.000	40.625	57.813	153.126	445935.910	3891.155	
2	20:44:52	512370.190	21.875	56.250	56.250	67.188	150.001	451115.080	3750.492	
3	20:46:00	518182.100	26.563	40.625	64.063	39.063	132.813	452533.910	3680.162	
x		514342.570	23.958	48.958	53.646	54.688	145.313	449861.640	3773.936	
σ		3325.542	2.387	7.864	11.934	14.321	10.938	3473.004	107.433	
%RSD		0.647	9.962	16.064	22.246	26.186	7.527	0.772	2.847	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:51:39	13692.496	22966.884	4566.355	325.004	18245306.000	13159333.000	1787686.000	2137399.400	2998635.600
2	20:52:47	13825.437	23023.225	4785.176	325.004	18395851.000	13209542.000	1783141.700	2117372.800	2992864.800
3	20:53:55	13917.714	23076.957	4874.269	298.441	18329042.000	13075547.000	1760612.300	2118747.300	3004390.800
x		13811.882	23022.356	4741.933	316.149	18323400.000	13148141.000	1777146.600	2124506.500	2998630.400
σ		113.219	55.042	158.446	15.336	75430.716	67694.997	14498.354	11186.722	5762.975
%RSD		0.820	0.239	3.341	4.851	0.412	0.515	0.816	0.527	0.192
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:51:39	27676.512	150684.280	16700.381	73510.523	8929729.700	47349.099	703161.470	54326.540	22509.908
2	20:52:47	27991.137	151715.420	16604.957	72995.391	8979513.300	46950.236	705625.490	55057.455	22708.660
3	20:53:55	28688.556	151320.640	16755.132	74663.353	8865783.900	47395.344	697634.520	54481.817	22888.634
x		28118.735	151240.120	16686.824	73723.089	8925008.900	47231.560	702140.500	54621.937	22702.400
σ		517.947	520.265	76.000	854.057	57011.461	244.728	4092.151	385.077	189.441
%RSD		1.842	0.344	0.455	1.158	0.639	0.518	0.583	0.705	0.834
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:51:39	360885.870	341294.370	45505.172	1304102.200	984693.610	22197786.000	554679.730	414780.650	89358.288
2	20:52:47	362079.570	338624.120	46475.476	1310670.700	983608.490	22102384.000	550170.340	415739.170	89342.565
3	20:53:55	361265.600	339019.270	44884.463	1297072.100	986635.000	22110819.000	544486.890	410998.670	87979.457
x		361410.350	339645.920	45621.704	1303948.300	984979.030	22136996.000	549778.990	413839.500	88893.437
σ		609.874	1441.202	801.882	6800.598	1533.310	52814.205	5107.676	2506.475	791.569
%RSD		0.169	0.424	1.758	0.522	0.156	0.239	0.929	0.606	0.890
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:51:39	451153.780	216809.390	171635.840	64876.668	4410.056	4410.056	13959.421	6104.429	17.708
2	20:52:47	450083.290	218794.000	169608.720	64689.363	4266.262	4266.262	13960.464	5976.771	16.146
3	20:53:55	443168.960	214714.040	170345.530	64240.469	4420.997	4420.997	13909.894	6033.565	25.521
x		448135.340	216772.480	170530.030	64602.167	4365.771	4365.771	13943.260	6038.255	19.792
σ		4334.188	2040.229	1026.077	326.940	86.351	86.351	28.900	63.958	5.023
%RSD		0.967	0.941	0.602	0.506	1.978	1.978	0.207	1.059	25.378
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:51:39	79803.530	141519.390	152062.840	90391.319	237663.760	0.000	155948.140	9481.270	437375.710
2	20:52:47	80311.050	141877.610	151840.170	89847.278	232388.970	3.125	156044.490	9672.023	435509.030
3	20:53:55	78862.388	139076.830	151805.430	88259.300	232523.960	1.563	156264.060	9267.067	437084.180
x		79658.989	140824.610	151902.810	89499.299	234192.230	1.563	156085.560	9473.453	436656.310
σ		735.068	1524.182	139.667	1107.787	3007.189	1.563	161.917	202.591	1004.209
%RSD		0.923	1.082	0.092	1.238	1.284	100.000	0.104	2.139	0.230
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:51:39	7378.467	7378.467	430829.680	112154.150	302881.820	428065.610	374820.680	668428.850	433460.620
2	20:52:47	7386.284	7386.284	432264.240	111231.360	302166.910	426636.290	376098.940	661433.000	428905.880
3	20:53:55	7023.601	7023.601	426744.130	111374.650	298505.190	421547.910	373391.800	663605.350	431000.340
x		7262.784	7262.784	429946.020	111586.720	301184.640	425416.610	374770.480	664489.070	431122.280
σ		207.175	207.175	2864.182	496.607	2347.841	3425.760	1354.269	3580.669	2279.816
%RSD		2.853	2.853	0.666	0.445	0.780	0.805	0.361	0.539	0.529
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	20:51:39	470539.330	841178.980	2028685.700	672397.820	641118.880	1511790.100	399383.930	3818854.800	
2	20:52:47	463376.430	828695.790	2014168.100	670495.850	631439.240	1485180.700	398352.600	3760901.000	
3	20:53:55	464217.140	838867.580	2013647.100	671101.440	632501.920	1485291.300	391700.530	3801012.900	
x		466044.300	836247.450	2018833.600	671331.700	635020.010	1494087.400	396479.020	3793589.600	
σ		3915.436	6641.256	8536.144	971.665	5308.432	15331.113	4170.298	29681.486	
%RSD		0.840	0.794	0.423	0.145	0.836	1.026	1.052	0.782	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	20:59:32	14357.211	15.104	139.063	240.627	123363.170	6274.815	854.713	1010.973	1528.207
2	21:00:40	14271.187	11.458	92.188	265.627	121234.120	5937.171	751.582	921.905	1520.393
3	21:01:49	14033.452	8.854	89.063	243.752	121219.940	6179.461	896.903	1003.160	1607.903
X		14220.617	11.806	106.771	250.002	121939.080	6130.483	834.399	978.679	1552.168
σ		167.699	3.139	28.009	13.622	1233.321	174.069	74.760	49.323	48.426
%RSD		1.179	26.593	26.233	5.449	1.011	2.839	8.960	5.040	3.120
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	20:59:32	528.135	965.658	17382.444	74776.442	102944.580	25.000	585.950	56207.232	20.313
2	21:00:40	506.259	884.402	17409.039	77063.549	101369.320	20.313	634.389	56241.742	28.125
3	21:01:49	459.382	984.409	17219.747	77270.914	101890.190	34.375	617.201	56444.100	20.313
X		497.925	944.823	17337.076	76370.302	102068.030	26.563	612.513	56297.691	22.917
σ		35.126	53.159	102.477	1384.211	802.550	7.160	24.558	127.963	4.511
%RSD		7.054	5.626	0.591	1.812	0.786	26.956	4.009	0.227	19.682
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	20:59:32	11892.448	371.880	4009.938	3123.779	537.510	38351.410	1095.354	179.689	54.688
2	21:00:40	11614.094	400.006	3930.228	3165.976	573.449	39189.618	1039.100	173.439	62.500
3	21:01:49	11654.752	407.818	3906.784	3080.019	645.327	39432.472	1096.917	189.064	45.313
X		11720.431	393.235	3948.983	3123.258	585.429	38991.167	1077.124	180.730	54.167
σ		150.351	18.902	54.074	42.981	54.898	567.196	32.939	7.865	8.606
%RSD		1.283	4.807	1.369	1.376	9.377	1.455	3.058	4.352	15.887
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	20:59:32	204.689	107.813	90.625	139.584	39.063	39.063	137.501	22.917	19.792
2	21:00:40	187.501	109.375	84.375	155.730	56.250	56.250	148.959	20.833	21.875
3	21:01:49	190.626	106.250	75.000	143.751	34.375	34.375	137.501	20.833	18.750
X		194.272	107.813	83.334	146.355	43.229	43.229	141.320	21.528	20.139
σ		9.156	1.563	7.864	8.382	11.517	11.517	6.616	1.203	1.591
%RSD		4.713	1.449	9.437	5.727	26.643	26.643	4.681	5.587	7.901
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	20:59:32	59.375	106.250	106.250	57.813	143.751	0.000	161024.300	103.125	309.378
2	21:00:40	46.875	92.188	104.688	56.250	145.313	1.563	165634.370	114.063	215.627
3	21:01:49	59.375	90.625	81.250	46.875	125.001	0.000	164758.710	125.001	176.564
X		55.208	96.354	97.396	53.646	138.022	0.521	163805.790	114.063	233.856
σ		7.217	8.606	14.005	5.916	11.304	0.902	2448.310	10.938	68.258
%RSD		13.072	8.931	14.379	11.027	8.190	173.205	1.495	9.589	29.188
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	20:59:32	6.250	6.250	273.440	39.063	326.566	523.447	159.376	307.816	437701.080
2	21:00:40	0.000	0.000	209.377	32.813	209.377	460.945	160.938	318.754	439442.390
3	21:01:49	1.563	1.563	157.813	51.563	251.565	342.192	156.251	251.565	439373.120
X		2.604	2.604	213.543	41.146	262.502	442.195	158.855	292.711	438838.870
σ		3.253	3.253	57.926	9.547	59.356	92.071	2.387	36.051	985.961
%RSD		124.900	124.900	27.126	23.203	22.611	20.821	1.502	12.316	0.225
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	20:59:32	473771.690	571.886	1496.953	326.566	292.190	801.585	414586.060	1546.959	
2	21:00:40	475415.600	415.631	1045.351	350.004	300.003	714.080	422193.110	1476.639	
3	21:01:49	475908.160	348.442	912.529	284.378	281.253	710.955	424033.950	1493.828	
X		475031.820	445.320	1151.611	320.316	291.149	742.207	420271.040	1505.809	
σ		1118.746	114.643	306.360	33.257	9.418	51.447	5008.634	36.659	
%RSD		0.236	25.744	26.603	10.382	3.235	6.932	1.192	2.434	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:07:27	14781.080	9.375	8158.579	562.511	90794356.000	18969523.000	2585493.700	3078822.300	1311.896
2	21:08:35	14756.055	6.250	8083.536	570.324	89819521.000	18851089.000	2534359.500	3054403.300	1260.993
3	21:09:43	14401.005	6.250	8096.043	553.136	90011131.000	18715394.000	2537626.800	3018548.600	1231.204
X		14646.047	7.292	8112.720	561.990	90208336.000	18845335.000	2552493.300	3050591.400	1268.031
σ		212.581	1.804	40.205	8.606	516471.880	127162.050	28625.825	30317.128	40.804
%RSD		1.451	24.744	0.496	1.531	0.573	0.675	1.121	0.994	3.218
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:07:27	1208362.500	776.584	327909.730	654461.760	3071418.300	263492.450	4259128.500	62282.127	89.063
2	21:08:35	1205483.900	776.584	326033.130	665282.270	3037413.800	262868.140	4198115.400	61372.792	82.813
3	21:09:43	1199758.900	743.769	327594.810	675550.840	3062256.200	259980.720	4232376.600	60317.262	92.188
X		1204535.100	765.646	327179.220	665098.290	3057029.400	262113.770	4229873.500	61324.060	88.021
σ		4379.588	18.945	1004.960	10545.748	17594.498	1873.464	30583.493	983.339	4.774
%RSD		0.364	2.474	0.307	1.586	0.576	0.715	0.723	1.604	5.423
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:07:27	91753.084	24629.025	25466.429	5368.196	960.970	78863.959	17013.250	454.695	453.132
2	21:08:35	96147.467	24427.116	26681.143	5311.925	895.341	76168.141	15816.563	462.507	403.131
3	21:09:43	99542.476	24633.720	27647.039	5296.294	815.648	75343.472	15788.407	442.194	431.257
X		95814.342	24563.287	26598.204	5325.472	890.653	76791.857	16206.073	453.132	429.173
σ		3905.366	117.951	1092.669	37.817	72.774	1841.256	699.177	10.246	25.066
%RSD		4.076	0.480	4.108	0.710	8.171	2.398	4.314	2.261	5.840
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:07:27	1762.609	881.277	1843.869	1711.040	453.132	453.132	741.165	358.859	14.063
2	21:08:35	1609.466	843.775	1737.606	1757.921	514.072	514.072	692.204	345.838	19.792
3	21:09:43	1500.079	771.896	1845.432	1800.634	445.319	445.319	709.393	330.733	23.438
X		1624.051	832.316	1808.969	1756.532	470.841	470.841	714.254	345.143	19.097
σ		131.871	55.584	61.807	44.813	37.642	37.642	24.840	14.076	4.726
%RSD		8.120	6.678	3.417	2.551	7.995	7.995	3.478	4.078	24.747
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:07:27	312.656	276.565	290.628	196.876	418.756	4.688	151303.270	90.625	110.938
2	21:08:35	143.750	214.064	229.689	175.001	379.693	0.000	151762.800	84.375	98.438
3	21:09:43	17.969	293.753	281.253	165.626	392.193	1.563	149812.690	89.063	60.938
X		158.125	261.461	267.190	179.168	396.881	2.083	150959.590	88.021	90.104
σ		147.869	41.937	32.813	16.036	19.949	2.387	1019.472	3.253	26.021
%RSD		93.514	16.039	12.281	8.951	5.027	114.564	0.675	3.695	28.879
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:07:27	3.125	3.125	118.750	31.250	200.001	254.690	3291.004	5760.536	442187.690
2	21:08:35	3.125	3.125	89.063	26.563	148.438	179.689	3189.419	5527.632	444543.510
3	21:09:43	1.563	1.563	60.938	31.250	162.501	181.251	3251.933	5698.011	442443.870
X		2.604	2.604	89.584	29.688	170.314	205.210	3244.118	5662.060	443058.360
σ		0.902	0.902	28.910	2.706	26.655	42.858	51.242	120.543	1292.542
%RSD		34.641	34.641	32.271	9.116	15.650	20.885	1.580	2.129	0.292
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	21:07:27	476492.800	381.255	898.466	1557.897	1420.383	3208.173	397661.870	74126.192	
2	21:08:35	485630.400	242.190	621.889	1262.556	1268.806	2865.912	406423.660	73791.654	
3	21:09:43	482385.700	193.751	414.068	1293.809	1073.478	2769.018	399997.620	73303.211	
X		481502.970	272.399	644.808	1371.421	1254.222	2947.701	401361.050	73740.352	
σ		4632.316	97.334	243.011	162.248	173.912	230.719	4537.228	413.882	
%RSD		0.962	35.732	37.687	11.831	13.866	7.827	1.130	0.561	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:15:21	15168.987	5.729	16931.903	848.463	135458380.000	24367591.000	3328923.100	3950936.100	1291.073
2	21:16:29	15204.962	4.167	16301.483	867.214	130843360.000	23633031.000	3193377.400	3777101.400	1587.811
3	21:17:37	14352.519	1.563	15766.508	837.525	128604380.000	23075970.000	3126761.100	3682714.500	2043.331
X		14908.823	3.819	16333.298	851.067	131635370.000	23692197.000	3216353.900	3803584.000	1640.738
σ		482.109	2.105	583.349	15.015	3494971.200	647840.020	103020.910	136057.750	378.912
%RSD		3.234	55.111	3.572	1.764	2.655	2.734	3.203	3.577	23.094
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:15:21	1201302.700	795.335	469404.450	670508.950	4093529.500	374613.400	6044353.900	60788.011	101.563
2	21:16:29	1151396.300	765.646	456939.630	667978.830	3974723.800	360621.400	5879051.200	60732.457	81.250
3	21:17:37	1130061.400	825.024	443950.490	661313.600	3915744.300	352482.280	5724935.400	57826.094	78.125
X		1160920.100	795.335	456764.860	666600.460	3994665.800	362572.360	5882780.200	59782.187	86.979
σ		36563.086	29.689	12727.883	4750.109	90554.728	11193.808	159741.900	1694.254	12.726
%RSD		3.149	3.733	2.787	0.713	2.267	3.087	2.715	2.834	14.631
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:15:21	89212.066	918.780	22904.284	2598.674	568.761	42776.448	22095.199	462.507	743.769
2	21:16:29	90664.919	814.086	23862.100	2467.401	568.761	41594.842	20544.449	420.319	656.265
3	21:17:37	92389.981	789.084	24301.903	2461.150	425.006	40016.906	19538.352	423.444	676.579
X		90755.655	840.650	23689.429	2509.075	520.843	41462.732	20726.000	435.423	692.204
σ		1590.900	68.807	714.630	77.658	82.997	1384.506	1288.055	23.508	45.797
%RSD		1.753	8.185	3.017	3.095	15.935	3.339	6.215	5.399	6.616
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:15:21	3905.221	1947.008	2039.208	1702.185	520.322	520.322	962.012	471.362	20.833
2	21:16:29	3792.691	1756.358	2034.520	1722.500	528.135	528.135	920.863	455.736	24.479
3	21:17:37	3641.089	1818.866	1861.059	1732.918	553.136	553.136	902.112	459.382	14.583
X		3779.667	1840.744	1978.262	1719.201	533.864	533.864	928.329	462.160	19.965
σ		132.547	97.190	101.528	15.630	17.141	17.141	30.640	8.175	5.005
%RSD		3.507	5.280	5.132	0.909	3.211	3.211	3.301	1.769	25.067
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:15:21	934.375	253.127	215.627	179.689	371.880	1.563	144712.070	82.813	82.813
2	21:16:29	1300.938	192.189	207.814	171.876	350.004	1.563	144833.610	73.438	53.125
3	21:17:37	977.500	217.189	201.564	165.626	334.379	3.125	140326.460	98.438	26.563
X		1070.938	220.835	208.335	172.397	352.088	2.083	143290.710	84.896	54.167
σ		200.350	30.632	7.046	7.046	18.837	0.902	2567.839	12.630	28.140
%RSD		18.708	13.871	3.382	4.087	5.350	43.301	1.792	14.877	51.950
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:15:21	6.250	6.250	100.000	14.063	112.500	109.375	2508.033	4789.865	420354.120
2	21:16:29	1.563	1.563	43.750	12.500	82.813	110.938	2583.046	4611.682	425709.250
3	21:17:37	1.563	1.563	43.750	7.813	87.500	100.000	2537.725	4550.725	415522.050
X		3.125	3.125	62.500	11.458	94.271	106.771	2542.935	4650.757	420528.470
σ		2.706	2.706	32.476	3.253	15.960	5.916	37.777	124.267	5095.836
%RSD		86.603	86.603	51.962	28.386	16.930	5.540	1.486	2.672	1.212
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	21:15:21	451645.520	160.938	404.693	684.391	648.452	1489.140	370842.290	99685.656	
2	21:16:29	461356.360	103.125	215.627	671.891	589.075	1428.196	378517.840	98167.384	
3	21:17:37	450273.520	82.813	165.626	629.701	535.948	1278.182	368642.700	97448.425	
X		454425.130	115.626	261.982	661.995	591.158	1398.506	372667.610	98433.822	
σ		6041.689	40.535	126.095	28.657	56.281	108.568	5184.440	1142.166	
%RSD		1.330	35.057	48.131	4.329	9.521	7.763	1.391	1.160	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:23:16	12969.948	3.125	8480.641	626.576	80297056.000	7572267.400	1015821.100	1216461.600	726.581
2	21:24:24	13409.415	3.646	8046.015	718.768	78223653.000	7401678.300	990286.050	1181704.000	629.701
3	21:25:32	13320.270	5.729	8544.742	678.141	79448665.000	7484597.000	1008612.200	1210470.900	776.584
X		13233.211	4.167	8357.133	674.495	79323125.000	7486180.900	1004906.400	1202878.800	710.955
σ		232.309	1.378	271.335	46.204	1042386.900	85305.578	13164.686	18580.947	74.677
%RSD		1.755	33.072	3.247	6.850	1.314	1.140	1.310	1.545	10.504
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:23:16	1202531.200	862.526	214079.620	582595.340	2229668.500	144071.270	2479342.500	51431.478	84.375
2	21:24:24	1173534.100	859.401	209086.170	585494.710	2191191.600	142250.030	2397461.600	53746.226	81.250
3	21:25:32	1184894.900	921.905	213805.250	592096.110	2216556.000	143930.800	2444587.100	53564.294	79.688
X		1186986.700	881.277	212323.680	586728.720	2212472.000	143417.370	2440463.700	52913.999	81.771
σ		14611.284	35.219	2807.122	4869.110	19560.883	1013.381	41095.906	1287.120	2.387
%RSD		1.231	3.996	1.322	0.830	0.884	0.707	1.684	2.432	2.919
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:23:16	100623.450	737.519	24953.024	4063.078	1268.806	65168.617	9817.435	304.691	332.816
2	21:24:24	102851.730	748.457	26202.132	4120.907	1126.607	64269.244	9026.288	279.690	292.190
3	21:25:32	107041.720	771.896	27382.468	4247.506	1253.180	65143.503	9201.400	312.503	307.816
X		103505.630	752.624	26179.208	4143.830	1216.198	64860.455	9348.374	298.961	310.941
σ		3258.718	17.563	1214.884	94.327	77.980	512.157	415.547	17.140	20.492
%RSD		3.148	2.334	4.641	2.276	6.412	0.790	4.445	5.733	6.590
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:23:16	675.016	293.753	1132.857	1964.718	350.004	350.004	419.277	175.001	19.271
2	21:24:24	525.010	329.691	1101.605	1845.953	340.629	340.629	406.777	184.897	16.667
3	21:25:32	626.576	296.878	1135.983	1966.802	398.443	398.443	414.068	178.647	13.542
X		608.867	306.774	1123.482	1925.824	363.025	363.025	413.374	179.515	16.493
σ		76.555	19.908	19.010	69.179	31.029	31.029	6.279	5.005	2.869
%RSD		12.573	6.490	1.692	3.592	8.547	8.547	1.519	2.788	17.392
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:23:16	267.190	456.257	484.383	270.315	743.769	1.563	139944.620	71.875	51.563
2	21:24:24	204.689	448.445	450.007	268.753	723.456	0.000	146610.980	70.313	46.875
3	21:25:32	229.689	435.944	501.571	260.940	760.958	4.688	145517.060	95.313	57.813
X		233.856	446.882	478.654	266.669	742.728	2.083	144024.220	79.167	52.083
σ		31.458	10.246	26.255	5.023	18.773	2.387	3575.127	14.005	5.487
%RSD		13.452	2.293	5.485	1.884	2.528	114.564	2.482	17.690	10.536
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:23:16	1.563	1.563	42.188	4.688	65.625	96.875	4813.311	8799.584	403979.210
2	21:24:24	3.125	3.125	40.625	6.250	67.188	84.375	4847.697	8632.295	425253.790
3	21:25:32	0.000	0.000	54.688	4.688	64.063	92.188	4952.421	8676.071	423358.090
X		1.563	1.563	45.833	5.208	65.625	91.146	4871.143	8702.650	417530.360
σ		1.563	1.563	7.708	0.902	1.563	6.315	72.458	86.754	11773.858
%RSD		100.000	100.000	16.817	17.321	2.381	6.928	1.487	0.997	2.820
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	21:23:16	436673.460	71.875	143.751	631.264	489.071	1323.499	366244.690	48182.681	
2	21:24:24	461730.660	28.125	68.750	564.074	495.321	1220.365	389070.730	48093.318	
3	21:25:32	461246.650	60.938	120.313	659.390	501.571	1306.310	387035.300	49251.943	
X		453216.920	53.646	110.938	618.243	495.321	1283.391	380783.570	48509.314	
σ		14329.101	22.768	38.369	48.974	6.250	55.255	12632.108	644.686	
%RSD		3.162	42.442	34.586	7.922	1.262	4.305	3.317	1.329	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:31:10	13598.657	1.042	9998.810	584.387	111249220.000	12017477.000	1608030.300	1930355.800	735.956
2	21:32:19	13278.043	2.604	10005.065	593.762	111171800.000	11932090.000	1591894.300	1887054.700	737.519
3	21:33:27	13554.865	2.604	10091.063	600.013	109769010.000	11699605.000	1583033.900	1869759.100	681.266
X		13477.188	2.083	10031.646	592.721	110730010.000	11883057.000	1594319.500	1895723.200	718.247
σ		173.849	0.902	51.551	7.865	833151.740	164510.850	12673.486	31214.525	32.036
%RSD		1.290	43.301	0.514	1.327	0.752	1.384	0.795	1.647	4.460
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:31:10	864588.250	735.956	330155.900	611690.020	2896711.600	213403.330	3391783.700	59451.786	62.500
2	21:32:19	865344.540	746.895	331713.230	620880.270	2872179.500	197529.690	3373692.200	59463.481	51.563
3	21:33:27	841987.060	765.646	322482.000	615821.330	2818146.500	193740.830	3332546.800	59463.481	50.000
X		857306.610	749.499	328117.040	616130.540	2862345.900	201557.950	3366007.600	59459.583	54.688
σ		13272.514	15.015	4941.820	4602.920	40195.092	10431.858	30356.906	6.752	6.811
%RSD		1.548	2.003	1.506	0.747	1.404	5.176	0.902	0.011	12.454
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:31:10	91353.661	1001.598	24860.676	2553.353	517.197	37344.059	12195.829	278.128	360.942
2	21:32:19	94928.417	1006.285	26028.378	2568.981	598.450	36720.571	11842.406	232.814	375.005
3	21:33:27	96213.534	987.534	26058.119	2576.795	518.759	36274.120	11704.793	237.502	346.879
X		94165.204	998.472	25649.057	2566.376	544.802	36779.583	11914.343	249.481	360.942
σ		2518.226	9.758	682.921	11.936	46.467	537.405	253.298	24.919	14.063
%RSD		2.674	0.977	2.663	0.465	8.529	1.461	2.126	9.988	3.896
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:31:10	467.195	235.939	253.127	1664.159	493.759	493.759	663.036	332.816	17.708
2	21:32:19	460.945	226.564	275.003	1700.622	537.510	537.510	663.036	308.337	14.063
3	21:33:27	446.882	242.190	262.502	1686.558	473.445	473.445	676.058	306.774	20.833
X		458.341	234.898	263.544	1683.780	501.571	501.571	667.377	315.976	17.535
σ		10.404	7.865	10.975	18.389	32.739	32.739	7.518	14.605	3.389
%RSD		2.270	3.348	4.164	1.092	6.527	6.527	1.126	4.622	19.326
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:31:10	275.003	542.198	554.698	339.067	896.903	3.125	147300.830	59.375	59.375
2	21:32:19	293.753	518.759	542.198	360.942	781.271	0.000	145367.110	70.313	48.438
3	21:33:27	289.065	535.948	559.386	310.941	781.271	6.250	144547.920	73.438	32.813
X		285.940	532.302	552.094	336.983	819.815	3.125	145738.620	67.708	46.875
σ		9.758	12.137	8.885	25.066	66.760	3.125	1413.555	7.384	13.350
%RSD		3.413	2.280	1.609	7.438	8.143	100.000	0.970	10.906	28.480
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:31:10	4.688	4.688	45.313	4.688	56.250	70.313	4936.790	8927.789	432752.120
2	21:32:19	4.688	4.688	29.688	3.125	53.125	51.563	5021.195	8674.508	426493.050
3	21:33:27	0.000	0.000	34.375	6.250	71.875	57.813	5004.001	8432.175	431711.970
X		3.125	3.125	36.458	4.688	60.417	59.896	4987.329	8678.157	430319.050
σ		2.706	2.706	8.018	1.563	10.046	9.547	44.604	247.827	3353.979
%RSD		86.603	86.603	21.993	33.333	16.627	15.939	0.894	2.856	0.779
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	21:31:10	469398.000	40.625	93.750	696.892	614.076	1481.327	391472.530	104362.630	
2	21:32:19	461614.500	37.500	81.250	679.704	542.198	1443.823	386972.700	103374.230	
3	21:33:27	462030.760	29.688	65.625	651.577	553.136	1332.875	388547.400	101809.930	
X		464347.750	35.938	80.209	676.058	569.803	1419.342	388997.540	103182.270	
σ		4378.590	5.634	14.091	22.876	38.729	77.195	2283.437	1287.130	
%RSD		0.943	15.676	17.569	3.384	6.797	5.439	0.587	1.247	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:39:06	12641.528	3.125	12020.680	854.713	137452050.000	12666281.000	1687515.400	2018089.600	1107.855
2	21:40:14	13085.678	2.604	12203.648	865.651	135239030.000	12397202.000	1668160.900	1979534.900	1164.110
3	21:41:22	13364.061	3.125	12003.478	878.152	135730520.000	12389882.000	1658879.900	1953976.400	1079.728
X		13030.422	2.951	12075.935	866.172	136140530.000	12484455.000	1671518.700	1983867.000	1117.231
σ		364.422	0.301	110.936	11.728	1162091.600	157508.430	14610.100	32275.377	42.965
%RSD		2.797	10.189	0.919	1.354	0.854	1.262	0.874	1.627	3.846
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:39:06	1186593.200	1221.927	345381.480	625676.630	2469288.900	205560.550	3523197.300	57723.757	93.750
2	21:40:14	1165113.000	1140.670	343075.330	633634.880	2445005.200	202945.440	3464757.000	59133.080	75.000
3	21:41:22	1169168.900	1126.607	339948.780	632485.600	2431009.500	201634.890	3462477.800	59042.439	101.563
X		1173625.000	1163.068	342801.860	630599.040	2448434.500	203380.290	3483477.300	58633.092	90.104
σ		11412.397	51.456	2726.651	4301.486	19368.764	1998.635	34417.344	788.810	13.651
%RSD		0.972	4.424	0.795	0.682	0.791	0.983	0.988	1.345	15.151
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:39:06	98919.420	17964.413	27163.300	4050.574	1475.076	53774.457	12464.811	696.892	1836.055
2	21:40:14	101493.630	17798.581	28140.188	4052.137	1423.508	53917.181	12822.940	739.082	1820.429
3	21:41:22	103539.490	17674.990	28760.171	4038.071	1487.577	53749.362	12485.141	729.706	1917.316
X		101317.510	17812.661	28021.220	4046.927	1462.054	53813.667	12590.964	721.893	1857.933
σ		2315.062	145.224	805.056	7.710	33.962	90.520	201.154	22.153	52.017
%RSD		2.285	0.815	2.873	0.191	2.323	0.168	1.598	3.069	2.800
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:39:06	671.891	342.192	656.265	1852.724	406.256	406.256	556.782	253.127	15.104
2	21:40:14	670.328	367.192	682.829	1996.494	418.756	418.756	534.906	254.169	21.354
3	21:41:22	626.576	314.066	657.828	1960.551	481.258	481.258	538.031	254.169	14.583
X		656.265	341.150	665.641	1936.590	435.423	435.423	543.240	253.822	17.014
σ		25.723	26.578	14.906	74.820	40.183	40.183	11.832	0.601	3.768
%RSD		3.920	7.791	2.239	3.863	9.229	9.229	2.178	0.237	22.145
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:39:06	632.500	371.880	335.941	229.689	510.947	3.125	137548.070	90.625	40.625
2	21:40:14	175.001	306.253	331.254	242.190	542.198	3.125	140673.600	89.063	35.938
3	21:41:22	157.813	340.629	354.692	192.189	554.698	3.125	141260.600	82.813	42.188
X		321.771	339.587	340.629	221.356	535.948	3.125	139827.420	87.500	39.583
σ		269.236	32.826	12.402	26.021	22.536	0.000	1995.676	4.134	3.253
%RSD		83.673	9.666	3.641	11.755	4.205	0.000	1.427	4.725	8.217
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:39:06	0.000	0.000	23.438	3.125	67.188	64.063	3434.788	6227.920	404204.190
2	21:40:14	0.000	0.000	37.500	4.688	65.625	87.500	3580.136	6079.418	419501.480
3	21:41:22	3.125	3.125	31.250	4.688	53.125	73.438	3403.530	6091.924	420880.210
X		1.042	1.042	30.729	4.167	61.979	75.000	3472.818	6133.087	414861.960
σ		1.804	1.804	7.046	0.902	7.708	11.797	94.245	82.365	9255.607
%RSD		173.205	173.205	22.928	21.651	12.436	15.729	2.714	1.343	2.231
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	21:39:06	433584.610	23.438	95.313	745.332	632.827	1481.327	363438.430	63030.933	
2	21:40:14	451550.390	34.375	60.938	782.834	639.077	1595.402	373040.620	62916.367	
3	21:41:22	454322.160	32.813	64.063	701.580	673.453	1611.028	377364.480	62400.047	
X		446485.720	30.208	73.438	743.249	648.452	1562.586	371281.180	62782.449	
σ		11258.315	5.916	19.009	40.667	21.876	70.805	7127.792	336.087	
%RSD		2.522	19.582	25.884	5.472	3.374	4.531	1.920	0.535	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:47:02	14189.856	0.521	653.140	293.753	4060221.500	854533.670	113538.460	136221.390	478.133
2	21:48:10	14632.490	1.563	612.513	331.254	4034108.200	855210.680	113130.560	136713.560	465.633
3	21:49:18	14447.927	1.563	614.076	301.566	4070044.200	864581.940	115563.980	139064.210	509.384
X		14423.425	1.215	626.576	308.858	4054791.300	858108.760	114077.670	137333.050	484.383
σ		222.332	0.601	23.018	19.785	18573.228	5616.150	1303.244	1519.287	22.535
%RSD		1.541	49.487	3.674	6.406	0.458	0.654	1.142	1.106	4.652
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:47:02	51335.822	959.407	29843.640	111347.880	227930.500	10755.610	176322.080	56323.313	6.250
2	21:48:10	52577.827	932.843	30189.678	111077.040	228617.920	11044.893	180082.620	57044.917	12.500
3	21:49:18	52286.135	915.654	30178.718	109568.580	229051.340	10922.924	181946.640	56894.319	4.688
X		52066.595	935.968	30070.679	110664.500	228533.250	10907.809	179450.450	56754.183	7.813
σ		649.455	22.043	196.698	958.708	565.196	145.233	2865.073	380.666	4.134
%RSD		1.247	2.355	0.654	0.866	0.247	1.331	1.597	0.671	52.915
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:47:02	25125.200	1418.821	7895.931	2887.792	268.753	34040.508	1590.714	20.313	50.000
2	21:48:10	23987.309	1461.012	7997.551	2931.551	251.565	33841.599	1618.842	28.125	51.563
3	21:49:18	23405.095	1370.378	7806.820	2789.335	253.127	34596.529	1579.775	23.438	42.188
X		24172.535	1416.737	7900.101	2869.559	257.815	34159.545	1596.443	23.958	47.917
σ		874.884	45.353	95.434	72.840	9.504	391.289	20.154	3.932	5.023
%RSD		3.619	3.201	1.208	2.538	3.687	1.145	1.262	16.413	10.482
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:47:02	96.875	59.375	135.938	283.336	104.688	104.688	165.105	25.521	20.313
2	21:48:10	110.938	57.813	146.876	278.128	103.125	103.125	168.230	31.250	20.313
3	21:49:18	112.500	46.875	132.813	281.253	82.813	82.813	197.397	28.125	20.313
X		106.771	54.688	138.542	280.906	96.875	96.875	176.911	28.299	20.313
σ		8.606	6.811	7.384	2.622	12.204	12.204	17.810	2.869	0.000
%RSD		8.060	12.454	5.330	0.933	12.597	12.597	10.067	10.137	0.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:47:02	15.625	9.375	12.500	10.938	17.188	1.563	163649.190	103.125	9.375
2	21:48:10	7.813	10.938	12.500	9.375	10.938	1.563	167278.360	100.000	3.125
3	21:49:18	10.938	6.250	15.625	18.750	18.750	6.250	168060.900	114.063	7.813
X		11.458	8.854	13.542	13.021	15.625	3.125	166329.480	105.730	6.771
σ		3.932	2.387	1.804	5.023	4.134	2.706	2353.950	7.384	3.253
%RSD		34.317	26.956	13.323	38.575	26.458	86.603	1.415	6.984	48.038
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:47:02	0.000	0.000	4.688	0.000	43.750	23.438	154.688	264.065	439009.060
2	21:48:10	0.000	0.000	3.125	1.563	48.438	14.063	128.126	254.690	441635.040
3	21:49:18	1.563	1.563	1.563	1.563	54.688	21.875	131.251	220.314	441902.500
X		0.521	0.521	3.125	1.042	48.958	19.792	138.022	246.356	440848.870
σ		0.902	0.902	1.563	0.902	5.487	5.023	14.518	23.035	1598.921
%RSD		173.205	173.205	50.000	86.603	11.208	25.378	10.519	9.350	0.363
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	21:47:02	470461.830	9.375	31.250	132.813	114.063	248.440	412627.440	2817.465	
2	21:48:10	476559.010	9.375	34.375	123.438	114.063	290.628	417154.540	2747.139	
3	21:49:18	485842.110	18.750	32.813	93.750	107.813	243.752	421369.320	2900.294	
X		477620.990	12.500	32.813	116.667	111.980	260.940	417050.430	2821.633	
σ		7744.935	5.413	1.563	20.393	3.608	25.817	4371.871	76.663	
%RSD		1.622	43.301	4.762	17.479	3.222	9.894	1.048	2.717	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	21:54:58	14619.977	2.083	960.970	328.129	6324997.600	1142047.200	156420.440	186546.020	567.199
2	21:56:06	14549.593	2.604	878.152	346.879	6368425.500	1144322.600	154676.610	187057.320	557.823
3	21:57:14	14907.774	3.125	926.593	325.004	6310584.200	1143869.600	156216.670	184125.860	570.324
X		14692.448	2.604	921.905	333.337	6334669.100	1143413.100	155771.240	185909.730	565.115
σ		189.770	0.521	41.607	11.831	30109.067	1204.398	953.438	1565.891	6.505
%RSD		1.292	20.000	4.513	3.549	0.475	0.105	0.612	0.842	1.151
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	21:54:58	54281.055	815.648	36176.999	104776.580	279552.480	16226.398	270504.210	59420.195	3.125
2	21:56:06	54522.597	915.654	36374.374	105569.890	279992.220	16497.020	270851.320	60126.265	17.188
3	21:57:14	54908.445	934.406	35630.315	105623.410	278386.290	16278.019	269298.940	59699.481	3.125
X		54570.699	888.569	36060.563	105323.290	279310.330	16333.812	270218.150	59748.647	7.813
σ		316.449	63.844	385.453	474.222	829.899	143.679	814.761	355.593	8.119
%RSD		0.580	7.185	1.069	0.450	0.297	0.880	0.302	0.595	103.923
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	21:54:58	19464.814	307.816	6143.508	2867.475	206.251	33122.730	1882.937	21.875	50.000
2	21:56:06	19164.408	332.816	5837.130	2867.475	209.377	33201.036	1907.940	23.438	59.375
3	21:57:14	18583.955	346.879	6074.729	2842.470	243.752	33669.318	1943.882	14.063	67.188
X		19071.059	329.170	6018.456	2859.140	219.793	33331.028	1911.586	19.792	58.854
σ		447.788	19.785	160.754	14.437	20.808	295.572	30.636	5.023	8.606
%RSD		2.348	6.011	2.671	0.505	9.467	0.887	1.603	25.378	14.622
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	21:54:58	242.190	95.313	128.126	229.689	60.938	60.938	187.501	35.938	19.792
2	21:56:06	243.752	100.000	121.876	237.502	64.063	64.063	178.126	36.458	25.521
3	21:57:14	235.939	93.750	128.126	214.585	62.500	62.500	170.314	46.354	17.708
X		240.627	96.354	126.042	227.259	62.500	62.500	178.647	39.583	21.007
σ		4.134	3.253	3.608	11.650	1.563	1.563	8.606	5.870	4.046
%RSD		1.718	3.376	2.863	5.126	2.500	2.500	4.817	14.828	19.258
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	21:54:58	15.625	10.938	9.375	4.688	14.063	1.563	170854.690	96.875	12.500
2	21:56:06	12.500	18.750	15.625	10.938	21.875	3.125	171238.930	96.875	29.688
3	21:57:14	12.500	17.188	10.938	14.063	18.750	3.125	173354.850	110.938	18.750
X		13.542	15.625	11.979	9.896	18.229	2.604	171816.160	101.563	20.313
σ		1.804	4.134	3.253	4.774	3.932	0.902	1346.326	8.119	8.700
%RSD		13.323	26.458	27.152	48.238	21.571	34.641	0.784	7.994	42.829
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	21:54:58	1.563	1.563	25.000	0.000	57.813	18.750	106.250	223.439	457841.250
2	21:56:06	3.125	3.125	20.313	1.563	51.563	32.813	100.000	220.314	467620.800
3	21:57:14	1.563	1.563	10.938	1.563	75.000	17.188	120.313	228.127	464793.240
X		2.083	2.083	18.750	1.042	61.458	22.917	108.855	223.960	463418.430
σ		0.902	0.902	7.160	0.902	12.137	8.606	10.404	3.932	5032.641
%RSD		43.301	43.301	38.188	86.603	19.748	37.552	9.557	1.756	1.086
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	21:54:58	499742.280	18.750	56.250	75.000	57.813	187.501	436526.900	4494.457	
2	21:56:06	502374.420	26.563	42.188	95.313	82.813	198.439	442985.270	4563.229	
3	21:57:14	499617.730	15.625	54.688	84.375	81.250	139.063	435162.780	4496.020	
X		500578.140	20.313	51.042	84.896	73.959	175.001	438224.980	4517.902	
σ		1556.866	5.634	7.708	10.166	14.005	31.600	4178.573	39.262	
%RSD		0.311	27.735	15.101	11.975	18.936	18.057	0.954	0.869	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:02:54	14548.029	1.563	526.572	284.378	3761962.300	355563.420	47535.204	56720.191	539.073
2	22:04:02	14274.315	2.083	479.696	279.690	3787664.500	355298.720	46933.219	57241.012	617.201
3	22:05:10	14435.415	1.563	542.198	295.316	3784630.200	360551.920	48315.942	57567.319	525.010
X		14419.253	1.736	516.155	286.461	3778085.700	357138.020	47594.789	57176.174	560.428
σ		137.571	0.301	32.527	8.018	14045.435	2959.487	693.285	427.270	49.667
%RSD		0.954	17.321	6.302	2.799	0.372	0.829	1.457	0.747	8.862
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:02:54	54478.680	868.776	25347.467	97387.071	193311.640	6359.228	109634.710	56776.664	10.938
2	22:04:02	54481.817	876.589	25320.858	99520.448	193417.750	6593.709	109757.520	57670.860	4.688
3	22:05:10	54742.184	850.025	24865.371	99514.154	195831.550	6695.319	110866.030	57782.247	6.250
X		54567.560	865.130	25177.899	98807.224	194186.980	6549.418	110086.090	57409.924	7.292
σ		151.237	13.652	270.984	1229.893	1425.228	172.367	678.237	551.239	3.253
%RSD		0.277	1.578	1.076	1.245	0.734	2.632	0.616	0.960	44.607
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:02:54	17291.709	364.067	5535.447	2936.239	223.439	34233.155	1285.995	26.563	32.813
2	22:04:02	17324.561	331.254	5518.253	2731.511	250.002	34358.455	1267.244	14.063	42.188
3	22:05:10	17277.629	329.691	5421.341	2769.018	259.377	34629.421	1221.927	9.375	29.688
X		17297.966	341.671	5491.680	2812.256	244.273	34407.011	1258.389	16.667	34.896
σ		24.084	19.412	61.519	108.998	18.641	202.546	32.939	8.885	6.505
%RSD		0.139	5.681	1.120	3.876	7.631	0.589	2.618	53.309	18.642
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:02:54	67.188	40.625	92.188	206.772	79.688	79.688	170.834	24.479	20.313
2	22:04:02	73.438	35.938	98.438	210.418	92.188	92.188	159.376	28.125	15.625
3	22:05:10	71.875	17.188	101.563	203.126	62.500	62.500	151.563	23.958	18.750
X		70.834	31.250	97.396	206.772	78.125	78.125	160.591	25.521	18.229
σ		3.253	12.402	4.774	3.646	14.905	14.905	9.693	2.270	2.387
%RSD		4.592	39.686	4.901	1.763	19.079	19.079	6.036	8.896	13.093
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:02:54	15.625	20.313	34.375	20.313	34.375	1.563	165714.980	101.563	15.625
2	22:04:02	18.750	21.875	25.000	17.188	34.375	3.125	163781.940	79.688	9.375
3	22:05:10	9.375	32.813	31.250	28.125	37.500	0.000	165672.310	128.126	10.938
X		14.583	25.000	30.208	21.875	35.417	1.563	165056.410	103.125	11.979
σ		4.774	6.811	4.774	5.634	1.804	1.563	1103.927	24.257	3.253
%RSD		32.733	27.243	15.802	25.754	5.094	100.000	0.669	23.522	27.152
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:02:54	1.563	1.563	6.250	1.563	79.688	14.063	229.689	360.942	442642.060
2	22:04:02	3.125	3.125	9.375	0.000	70.313	17.188	246.877	435.944	446101.910
3	22:05:10	3.125	3.125	12.500	3.125	64.063	10.938	209.377	364.067	440333.270
X		2.604	2.604	9.375	1.563	71.354	14.063	228.648	386.984	443025.750
σ		0.902	0.902	3.125	1.563	7.864	3.125	18.772	42.429	2903.398
%RSD		34.641	34.641	33.333	100.000	11.022	22.222	8.210	10.964	0.655
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	22:02:54	474585.550	15.625	46.875	56.250	50.000	170.314	418050.480	2043.896	
2	22:04:02	477836.580	20.313	62.500	64.063	56.250	112.500	418639.230	2068.900	
3	22:05:10	480975.260	21.875	42.188	62.500	35.938	146.876	416940.620	2142.348	
X		477799.130	19.271	50.521	60.938	47.396	143.230	417876.780	2085.048	
σ		3195.019	3.253	10.636	4.134	10.404	29.078	862.524	51.174	
%RSD		0.669	16.878	21.052	6.784	21.951	20.302	0.206	2.454	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:10:51	15046.983	3.646	578.137	281.253	5133058.700	555477.810	74534.558	88589.459	564.074
2	22:12:00	14304.033	1.563	545.323	279.690	5297817.000	569336.180	76018.911	90921.228	568.761
3	22:13:08	15012.572	0.521	571.886	295.316	5161540.900	553609.660	74162.316	88697.942	507.822
X		14787.862	1.910	565.115	285.420	5197472.200	559474.550	74905.262	89402.876	546.885
σ		419.362	1.591	17.423	8.606	88060.325	8591.352	982.244	1316.050	33.911
%RSD		2.836	83.320	3.083	3.015	1.694	1.536	1.311	1.472	6.201
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:10:51	38953.035	892.215	30507.540	99734.432	220804.260	9034.106	148593.810	58417.635	14.063
2	22:12:00	40087.416	876.589	31209.053	100942.880	223733.690	9187.328	151238.530	56924.124	4.688
3	22:13:08	38899.765	857.838	30474.658	101820.950	223144.900	9171.693	148931.670	58287.418	6.250
X		39313.405	875.548	30730.417	100832.750	222560.950	9131.042	149588.000	57876.393	8.333
σ		670.842	17.212	414.837	1047.608	1549.559	84.313	1439.347	827.255	5.023
%RSD		1.706	1.966	1.350	1.039	0.696	0.923	0.962	1.429	60.273
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:10:51	15556.903	350.004	4897.714	2712.758	260.940	33888.585	1479.764	15.625	59.375
2	22:12:00	15278.478	353.129	4991.497	2819.028	251.565	34001.353	1518.831	18.750	29.688
3	22:13:08	15381.714	295.316	5019.632	2736.200	239.065	34464.962	1570.399	21.875	37.500
X		15405.699	332.816	4969.614	2755.995	250.523	34118.300	1522.998	18.750	42.188
σ		140.754	32.514	63.836	55.832	10.975	305.467	45.461	3.125	15.389
%RSD		0.914	9.769	1.285	2.026	4.381	0.895	2.985	16.667	36.477
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:10:51	54.688	25.000	75.000	196.356	81.250	81.250	150.001	31.250	19.271
2	22:12:00	54.688	17.188	60.938	185.939	51.563	51.563	176.043	27.604	20.313
3	22:13:08	43.750	17.188	57.813	205.731	59.375	59.375	181.772	33.333	18.750
X		51.042	19.792	64.583	196.008	64.063	64.063	169.272	30.729	19.444
σ		6.315	4.511	9.155	9.901	15.389	15.389	16.933	2.900	0.796
%RSD		12.372	22.790	14.176	5.051	24.022	24.022	10.004	9.437	4.092
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:10:51	18.750	21.875	28.125	20.313	42.188	1.563	166913.190	121.876	4.688
2	22:12:00	15.625	29.688	15.625	14.063	40.625	4.688	165561.660	110.938	4.688
3	22:13:08	15.625	20.313	18.750	18.750	37.500	1.563	169170.760	81.250	10.938
X		16.667	23.958	20.833	17.708	40.104	2.604	167215.200	104.688	6.771
σ		1.804	5.023	6.505	3.253	2.387	1.804	1823.407	21.021	3.608
%RSD		10.825	20.964	31.225	18.368	5.951	69.282	1.090	20.080	53.294
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:10:51	0.000	0.000	12.500	0.000	51.563	17.188	204.689	392.193	444364.630
2	22:12:00	0.000	0.000	7.813	0.000	64.063	9.375	226.564	409.381	431855.270
3	22:13:08	0.000	0.000	4.688	0.000	50.000	12.500	215.627	404.693	446483.880
X		0.000	0.000	8.333	0.000	55.208	13.021	215.627	402.089	440901.260
σ		0.000	0.000	3.932	0.000	7.708	3.932	10.938	8.885	7905.395
%RSD		0.000	0.000	47.186	0.000	13.961	30.199	5.073	2.210	1.793
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	22:10:51	475494.730	20.313	35.938	50.000	46.875	114.063	417836.550	4120.907	
2	22:12:00	469391.540	21.875	53.125	43.750	42.188	123.438	413947.630	4352.225	
3	22:13:08	482258.060	10.938	57.813	67.188	34.375	129.688	426544.550	4208.432	
X		475714.780	17.708	48.958	53.646	41.146	122.396	419442.910	4227.188	
σ		6436.081	5.916	11.517	12.137	6.315	7.864	6450.265	116.794	
%RSD		1.353	33.405	23.525	22.624	15.347	6.425	1.538	2.763	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:18:49	14372.852	2.083	607.825	265.627	6501420.200	602028.710	80120.924	96138.028	626.576
2	22:19:57	14630.926	0.000	617.201	281.253	6502306.500	606177.320	82193.587	97819.699	650.015
3	22:21:06	14460.440	1.563	704.705	296.878	6592396.100	606238.400	81649.857	98279.086	657.828
X		14488.072	1.215	643.244	281.253	6532040.900	604814.810	81321.456	97412.271	644.806
σ		131.237	1.084	53.433	15.625	52270.978	2413.025	1074.648	1127.178	16.264
%RSD		0.906	89.214	8.307	5.556	0.800	0.399	1.321	1.157	2.522
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:18:49	54830.020	906.279	31522.239	101342.570	207919.320	9697.040	158418.850	57656.741	14.063
2	22:19:57	55284.893	856.276	31478.393	102393.770	205853.790	9625.116	157993.870	58132.099	20.313
3	22:21:06	56370.373	926.593	31417.321	101352.010	208277.610	9714.239	161303.990	57455.935	14.063
X		55495.095	896.382	31472.651	101696.110	207350.240	9678.799	159238.900	57748.258	16.146
σ		791.398	36.188	52.694	604.207	1308.286	47.279	1800.998	347.248	3.608
%RSD		1.426	4.037	0.167	0.594	0.631	0.488	1.131	0.601	22.349
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:18:49	14968.776	1184.424	4738.286	2964.370	278.128	34588.698	1489.140	34.375	112.500
2	22:19:57	15239.374	1121.919	4903.967	2929.988	243.752	34051.472	1464.138	46.875	98.438
3	22:21:06	14845.209	1100.042	4747.664	2811.214	296.878	34342.793	1445.386	35.938	110.938
X		15017.786	1135.462	4796.639	2901.857	272.919	34327.654	1466.221	39.063	107.292
σ		201.601	43.791	93.067	80.360	26.943	268.933	21.952	6.811	7.708
%RSD		1.342	3.857	1.940	2.769	9.872	0.783	1.497	17.436	7.184
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:18:49	59.375	31.250	103.125	192.189	75.000	75.000	177.084	23.958	23.438
2	22:19:57	82.813	26.563	92.188	202.085	50.000	50.000	160.938	26.042	17.188
3	22:21:06	62.500	21.875	84.375	190.105	68.750	68.750	170.314	27.604	19.792
X		68.229	26.563	93.229	194.793	64.583	64.583	169.445	25.868	20.139
σ		12.726	4.688	9.418	6.400	13.010	13.010	8.108	1.829	3.139
%RSD		18.652	17.647	10.102	3.286	20.145	20.145	4.785	7.071	15.589
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:18:49	20.313	20.313	28.125	17.188	31.250	1.563	169853.790	98.438	6.250
2	22:19:57	21.875	25.000	26.563	10.938	20.313	1.563	169004.750	95.313	4.688
3	22:21:06	15.625	17.188	9.375	17.188	31.250	0.000	165866.730	89.063	4.688
X		19.271	20.833	21.354	15.104	27.604	1.042	168241.760	94.271	5.208
σ		3.253	3.932	10.404	3.608	6.315	0.902	2100.188	4.774	0.902
%RSD		16.878	18.875	48.719	23.890	22.876	86.603	1.248	5.064	17.321
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:18:49	0.000	0.000	6.250	0.000	70.313	7.813	176.564	260.940	458244.500
2	22:19:57	0.000	0.000	3.125	0.000	67.188	15.625	165.626	259.377	459346.240
3	22:21:06	0.000	0.000	4.688	1.563	60.938	15.625	171.876	248.440	451555.230
X		0.000	0.000	4.688	0.521	66.146	13.021	171.355	256.252	456381.990
σ		0.000	0.000	1.563	0.902	4.774	4.511	5.487	6.811	4216.240
%RSD		0.000	0.000	33.333	173.205	7.217	34.641	3.202	2.658	0.924
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	22:18:49	491672.520	17.188	46.875	56.250	48.438	100.000	433716.660	2704.944	
2	22:19:57	491725.870	15.625	39.063	62.500	64.063	154.688	433805.220	2734.637	
3	22:21:06	484413.550	14.063	56.250	64.063	34.375	115.625	426175.980	2773.707	
X		489270.640	15.625	47.396	60.938	48.958	123.438	431232.620	2737.762	
σ		4206.450	1.563	8.606	4.134	14.851	28.169	4379.401	34.488	
%RSD		0.860	10.000	18.157	6.784	30.333	22.820	1.016	1.260	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:26:44	13127.904	22525.558	4569.481	289.065	17530549.000	12762116.000	1730063.600	2071128.800	2886380.000
2	22:27:53	13321.834	22490.607	4592.926	295.316	17646899.000	12700381.000	1730312.300	2058620.900	2889438.500
3	22:29:01	12915.210	22703.965	4621.060	276.565	17625709.000	12740701.000	1712099.000	2043821.200	2886481.500
x		13121.649	22573.376	4594.489	286.982	17601052.000	12734399.000	1724158.300	2057857.000	2887433.300
σ		203.384	114.435	25.825	9.547	61970.209	31346.399	10444.384	13669.846	1737.256
%RSD		1.550	0.507	0.562	3.327	0.352	0.246	0.606	0.664	0.060
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:26:44	25788.881	146353.670	16473.555	70332.081	8651511.000	45299.868	680884.380	52587.237	21921.494
2	22:27:53	26381.306	146161.090	16285.840	72706.423	8661316.500	45814.343	684592.960	52643.694	21860.463
3	22:29:01	26570.081	145801.190	16113.770	72967.122	8665255.600	45938.627	676708.430	51964.652	21621.037
x		26246.756	146105.320	16291.055	72001.875	8659361.000	45684.279	680728.590	52398.528	21800.998
σ		407.610	280.432	179.949	1451.948	7077.874	338.660	3944.572	376.806	158.810
%RSD		1.553	0.192	1.105	2.017	0.082	0.741	0.579	0.719	0.728
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:26:44	348928.630	331235.140	44459.701	1255946.900	950961.630	21608667.000	535860.510	403577.470	85814.787
2	22:27:53	348578.040	328221.450	44044.355	1251060.400	951508.820	21409938.000	528573.230	397382.380	85750.339
3	22:29:01	348994.270	328529.990	44633.680	1248675.600	947595.500	21461505.000	530955.610	399722.900	86280.077
x		348833.640	329328.860	44379.245	1251894.300	950021.980	21493370.000	531796.450	400227.580	85948.401
σ		223.782	1658.078	302.788	3706.665	2119.133	103125.130	3715.688	3128.227	289.042
%RSD		0.064	0.503	0.682	0.296	0.223	0.480	0.699	0.782	0.336
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:26:44	431583.170	209545.960	164832.990	62379.123	4208.432	4208.432	13435.482	5740.737	19.792
2	22:27:53	427016.140	207109.240	164129.650	62800.756	4130.284	4130.284	13493.870	5771.478	29.167
3	22:29:01	431256.330	209801.220	164316.150	62125.417	3983.368	3983.368	13443.301	5734.484	17.708
x		429951.880	208818.810	164426.270	62435.098	4107.362	4107.362	13457.551	5748.900	22.222
σ		2547.669	1486.017	364.371	341.131	114.270	114.270	31.695	19.802	6.104
%RSD		0.593	0.712	0.222	0.546	2.782	2.782	0.236	0.344	27.466
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:26:44	77250.492	137855.700	148353.830	86866.427	226873.250	4.688	149034.300	9323.354	423224.530
2	22:27:53	77285.053	136948.600	147866.000	86166.897	225027.200	1.563	150401.640	9212.344	423037.870
3	22:29:01	75869.684	135151.930	147357.660	85715.758	225636.710	1.563	147543.950	9220.162	425026.870
x		76801.743	136652.080	147859.160	86249.694	225845.720	2.604	148993.290	9251.953	423763.090
σ		807.372	1376.062	498.119	579.786	940.603	1.804	1429.288	61.958	1098.438
%RSD		1.051	1.007	0.337	0.672	0.416	69.282	0.959	0.670	0.259
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:26:44	7048.614	7048.614	417257.490	107377.030	290371.350	414434.890	366230.260	651311.640	421601.010
2	22:27:53	7136.157	7136.157	420463.520	108531.020	288542.670	415407.860	368166.590	648997.300	420186.810
3	22:29:01	7087.695	7087.695	415213.260	108112.230	293536.630	416322.990	364383.940	646188.230	416535.300
x		7090.822	7090.822	417644.760	108006.760	290816.880	415388.580	366260.260	648832.390	419441.040
σ		43.855	43.855	2646.467	584.177	2526.613	944.198	1891.504	2565.685	2613.901
%RSD		0.618	0.618	0.634	0.541	0.869	0.227	0.516	0.395	0.623
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	22:26:44	448248.820	827114.220	2004278.400	657740.100	625395.980	1479347.600	390814.240	3888420.100	
2	22:27:53	451576.190	834952.610	2020436.400	666817.020	629208.020	1486223.400	391045.440	3881680.900	
3	22:29:01	448529.290	833237.970	2022303.000	672276.690	636562.380	1486858.000	386690.200	3836287.100	
x		449451.430	831768.270	2015672.600	665611.270	630388.790	1484143.000	389516.630	3868796.000	
σ		1845.426	4120.693	9911.682	7342.919	5676.070	4165.055	2450.485	28354.484	
%RSD		0.411	0.495	0.492	1.103	0.900	0.281	0.629	0.733	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:34:39	13787.901	8.333	134.376	217.189	117134.510	4214.684	590.637	660.953	1070.353
2	22:35:47	13595.529	11.458	118.750	226.564	116080.640	4803.933	593.762	746.895	1312.560
3	22:36:55	13974.019	5.208	112.500	256.252	111777.780	2379.886	315.628	342.192	806.273
X		13785.816	8.333	121.876	233.335	114997.640	3799.501	500.009	583.346	1063.062
σ		189.254	3.125	11.267	20.393	2837.832	1264.233	159.686	213.221	253.223
%RSD		1.373	37.500	9.245	8.740	2.468	33.274	31.937	36.551	23.820
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:34:39	446.882	898.466	16861.507	72291.827	96866.361	10.938	556.261	53904.633	18.750
2	22:35:47	443.757	915.654	16662.837	71940.058	95771.516	12.500	615.638	53936.001	26.563
3	22:36:55	403.131	890.653	17099.290	73592.191	93679.589	15.625	410.943	53964.233	10.938
X		431.257	901.591	16874.545	72608.026	95439.155	13.021	527.614	53934.956	18.750
σ		24.408	12.790	218.518	870.271	1619.175	2.387	105.311	29.813	7.813
%RSD		5.660	1.419	1.295	1.199	1.697	18.330	19.960	0.055	41.667
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:34:39	12943.361	351.567	4311.588	2748.702	395.318	35475.243	990.659	112.500	50.000
2	22:35:47	12478.885	398.443	4099.025	2925.300	446.882	36429.201	1085.979	151.563	50.000
3	22:36:55	11995.659	271.878	4011.501	2711.195	307.816	33547.156	1100.042	73.438	39.063
X		12472.635	340.629	4140.705	2795.065	383.339	35150.533	1058.893	112.500	46.354
σ		473.882	63.988	154.324	114.335	70.303	1468.204	59.509	39.063	6.315
%RSD		3.799	18.785	3.727	4.091	18.340	4.177	5.620	34.722	13.623
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:34:39	154.688	67.188	75.000	145.313	56.250	56.250	144.792	20.833	16.667
2	22:35:47	175.001	82.813	85.938	136.980	39.063	39.063	150.522	20.313	16.146
3	22:36:55	93.750	46.875	40.625	120.313	43.750	43.750	122.396	19.271	18.229
X		141.147	65.625	67.188	134.202	46.354	46.354	139.237	20.139	17.014
σ		42.284	18.020	23.645	12.729	8.885	8.885	14.863	0.796	1.084
%RSD		29.958	27.459	35.192	9.485	19.167	19.167	10.675	3.950	6.372
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:34:39	45.313	92.188	85.938	50.000	128.126	4.688	155853.360	109.375	178.126
2	22:35:47	53.125	81.250	78.125	53.125	135.938	1.563	154742.950	103.125	210.939
3	22:36:55	20.313	39.063	53.125	32.813	71.875	1.563	157322.460	93.750	67.188
X		39.583	70.834	72.396	45.313	111.980	2.604	155972.920	102.084	152.084
σ		17.140	28.053	17.140	10.938	34.950	1.804	1293.903	7.864	75.331
%RSD		43.301	39.604	23.676	24.138	31.211	69.282	0.830	7.704	49.532
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:34:39	3.125	3.125	175.001	25.000	342.192	523.447	125.001	218.752	419237.650
2	22:35:47	1.563	1.563	168.751	43.750	289.065	481.258	126.563	215.627	412426.440
3	22:36:55	1.563	1.563	73.438	15.625	221.877	250.002	54.688	112.500	421945.330
X		2.083	2.083	139.063	28.125	284.378	418.236	102.084	182.293	417869.810
σ		0.902	0.902	56.919	14.321	60.294	147.214	41.054	60.462	4904.643
%RSD		43.301	43.301	40.930	50.918	21.202	35.199	40.216	33.168	1.174
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	22:34:39	450492.770	400.006	950.032	240.627	267.190	535.948	403426.410	1043.788	
2	22:35:47	448806.550	390.630	842.212	304.691	268.753	584.387	396902.110	1190.675	
3	22:36:55	450126.820	153.126	404.693	142.188	125.001	310.941	401493.400	585.950	
X		449808.710	314.587	732.312	229.169	220.314	477.092	400607.310	940.137	
σ		886.977	139.908	288.803	81.855	82.548	145.915	3351.191	315.406	
%RSD		0.197	44.474	39.437	35.718	37.468	30.584	0.837	33.549	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:42:34	13675.292	10.938	9806.490	579.699	109465370.000	18740561.000	2543794.500	3021780.900	1962.635
2	22:43:42	13772.260	6.250	9976.920	585.950	111892310.000	19043289.000	2574112.300	3047605.500	1504.516
3	22:44:50	14253.983	9.375	10120.771	593.762	113172780.000	18925881.000	2559014.900	3057596.800	1301.484
X		13900.512	8.854	9968.060	586.470	111510150.000	18903244.000	2558973.900	3042327.700	1589.545
σ		309.930	2.387	157.328	7.046	1883014.300	152628.570	15158.986	18482.055	338.677
%RSD		2.230	26.956	1.578	1.201	1.689	0.807	0.592	0.607	21.307
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:42:34	1049863.300	812.523	332463.180	651159.630	3554541.700	303586.860	4926144.900	58051.235	62.500
2	22:43:42	1060824.000	771.896	336205.500	670342.000	3587654.600	305904.890	4980192.400	57633.116	81.250
3	22:44:50	1061170.200	789.084	338524.940	678111.750	3624963.300	308121.760	4968389.300	59288.047	50.000
X		1057285.800	791.168	335731.200	666537.790	3589053.200	305871.170	4958242.200	58324.133	64.583
σ		6430.446	20.394	3058.588	13872.930	35231.645	2267.638	28416.645	860.555	15.729
%RSD		0.608	2.578	0.911	2.081	0.982	0.741	0.573	1.475	24.354
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:42:34	89377.155	942.219	24146.953	3180.041	914.092	52638.989	18214.730	515.634	506.259
2	22:43:42	91787.680	943.781	25111.113	3244.118	823.461	51542.816	19787.132	401.568	510.947
3	22:44:50	94454.982	962.532	25558.781	3095.648	815.648	52094.813	18632.455	398.443	498.446
X		91873.272	949.511	24938.949	3173.269	851.067	52092.206	18878.106	438.548	505.217
σ		2539.995	11.304	721.488	74.467	54.721	548.091	814.475	66.777	6.315
%RSD		2.765	1.191	2.893	2.347	6.430	1.052	4.314	15.227	1.250
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:42:34	1867.310	965.658	3133.156	1532.895	567.199	567.199	990.138	468.758	23.438
2	22:43:42	1964.198	1017.224	3250.370	1553.730	567.199	567.199	953.678	457.820	17.188
3	22:44:50	2022.018	939.093	3342.579	1620.404	612.513	612.513	974.512	461.466	19.792
X		1951.175	973.992	3242.035	1569.010	582.304	582.304	972.776	462.681	20.139
σ		78.172	39.726	104.960	45.712	26.162	26.162	18.292	5.569	3.139
%RSD		4.006	4.079	3.237	2.913	4.493	4.493	1.880	1.204	15.589
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:42:34	-35.938	345.317	351.567	225.002	445.319	1.563	141143.830	78.125	143.751
2	22:43:42	-226.406	292.190	289.065	198.439	493.759	1.563	143447.860	100.000	129.688
3	22:44:50	-564.219	304.691	321.879	204.689	440.632	1.563	146652.020	71.875	68.750
X		-275.521	314.066	320.837	209.377	459.903	1.563	143747.900	83.334	114.063
σ		267.543	27.776	31.264	13.888	29.413	0.000	2766.327	14.768	39.867
%RSD		97.105	8.844	9.744	6.633	6.395	0.000	1.924	17.722	34.952
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:42:34	6.250	6.250	126.563	56.250	210.939	278.128	3292.567	5721.458	415673.230
2	22:43:42	3.125	3.125	78.125	34.375	184.376	239.065	3294.130	5707.390	419589.960
3	22:44:50	3.125	3.125	67.188	17.188	157.813	214.064	3412.908	5877.771	432798.820
X		4.167	4.167	90.625	35.938	184.376	243.752	3333.201	5768.873	422687.330
σ		1.804	1.804	31.600	19.578	26.563	32.288	69.032	94.571	8973.112
%RSD		43.301	43.301	34.869	54.478	14.407	13.246	2.071	1.639	2.123
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	22:42:34	454001.260	342.192	910.967	2173.603	2000.140	4953.984	375301.820	59873.645	
2	22:43:42	456557.380	275.003	648.452	2168.915	1782.924	4422.560	381492.280	61940.240	
3	22:44:50	469141.330	181.251	421.881	1951.696	1625.092	3983.368	388879.700	62061.076	
X		459899.990	266.148	660.433	2098.071	1802.719	4453.304	381891.270	61291.654	
σ		8104.642	80.835	244.763	126.786	188.306	486.038	6797.725	1229.517	
%RSD		1.762	30.372	37.061	6.043	10.446	10.914	1.780	2.006	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:50:29	13184.206	6.771	13278.043	607.825	144392150.000	14201033.000	1934215.600	2275612.000	620.326
2	22:51:37	13152.927	3.125	13298.374	668.766	145122460.000	14349517.000	1933502.700	2295780.700	700.017
3	22:52:46	12855.782	1.563	13451.643	679.704	144611340.000	14333399.000	1937313.600	2261920.700	682.829
X		13064.305	3.819	13342.687	652.098	144708650.000	14294649.000	1935010.600	2277771.100	667.724
σ		181.262	2.673	94.905	38.729	374748.940	81474.095	2026.019	17032.971	41.938
%RSD		1.387	69.976	0.711	5.939	0.259	0.570	0.105	0.748	6.281
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:50:29	1175715.400	1134.420	386810.580	622658.330	2106494.900	229071.980	3932474.000	58282.223	78.125
2	22:51:37	1184423.800	1037.538	390664.930	634323.840	2133425.400	229762.630	3912554.000	58308.538	76.563
3	22:52:46	1199277.100	1100.042	385764.100	633830.790	2128713.100	230723.240	3944629.000	58440.114	82.813
X		1186472.100	1090.667	387746.540	630270.990	2122877.800	229852.620	3929885.700	58343.625	79.167
σ		11913.615	49.117	2580.994	6597.365	14382.312	829.298	16193.398	84.591	3.253
%RSD		1.004	4.503	0.666	1.047	0.677	0.361	0.412	0.145	4.109
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:50:29	92163.526	7143.973	24848.154	4336.596	718.768	64829.580	15386.406	570.324	515.634
2	22:51:37	95552.872	6921.989	25388.165	4144.351	734.394	65002.237	14784.209	521.885	551.573
3	22:52:46	98264.927	7165.859	26424.416	4166.232	742.207	64612.977	14401.005	543.760	526.572
X		95327.108	7077.274	25553.578	4215.726	731.790	64814.931	14857.207	545.323	531.260
σ		3056.959	134.925	801.044	105.246	11.934	195.043	496.740	24.257	18.422
%RSD		3.207	1.906	3.135	2.497	1.631	0.301	3.343	4.448	3.468
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:50:29	1256.305	640.639	509.384	1883.978	421.881	421.881	496.884	253.648	17.708
2	22:51:37	1278.182	618.763	464.070	1875.644	379.693	379.693	510.947	235.419	18.229
3	22:52:46	1337.563	607.825	389.068	1874.081	440.632	440.632	536.989	249.481	18.750
X		1290.683	622.409	454.174	1877.901	414.069	414.069	514.940	246.183	18.229
σ		42.046	16.708	60.766	5.321	31.212	31.212	20.349	9.552	0.521
%RSD		3.258	2.684	13.379	0.283	7.538	7.538	3.952	3.880	2.857
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:50:29	-413.281	237.502	290.628	235.939	412.506	1.563	139356.090	79.688	39.063
2	22:51:37	452.813	289.065	285.940	198.439	442.194	1.563	140621.530	75.000	46.875
3	22:52:46	305.469	270.315	284.378	209.377	396.881	12.500	141263.750	87.500	39.063
X		115.000	265.627	286.982	214.585	417.194	5.208	140413.790	80.729	41.667
σ		463.399	26.099	3.253	19.285	23.018	6.315	970.649	6.315	4.511
%RSD		402.955	9.826	1.133	8.987	5.517	121.244	0.691	7.822	10.825
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:50:29	4.688	4.688	56.250	9.375	420.319	140.626	2995.626	5404.147	411847.600
2	22:51:37	0.000	0.000	35.938	10.938	437.507	142.188	2972.184	5540.137	417074.120
3	22:52:46	1.563	1.563	35.938	6.250	356.254	120.313	2965.933	5371.322	417423.160
X		2.083	2.083	42.708	8.854	404.693	134.376	2977.914	5438.535	415448.290
σ		2.387	2.387	11.727	2.387	42.821	12.204	15.654	89.507	3123.172
%RSD		114.564	114.564	27.459	26.956	10.581	9.082	0.526	1.646	0.752
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	22:50:29	450115.530	95.313	231.252	882.840	751.582	1784.486	369777.720	72260.419	
2	22:51:37	449033.840	100.000	185.939	876.589	771.896	1821.991	373815.160	72362.496	
3	22:52:46	451577.800	75.000	164.063	942.219	776.584	1840.744	375535.980	72500.694	
X		450242.390	90.104	193.751	900.549	766.687	1815.740	373042.950	72374.536	
σ		1276.714	13.289	34.269	36.222	13.290	28.645	2955.776	120.589	
%RSD		0.284	14.748	17.687	4.022	1.733	1.578	0.792	0.167	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	22:58:25	14383.800	3.646	10472.587	664.078	123772770.000	23952389.000	3212052.300	3810310.400	674.169
2	22:59:33	13953.686	3.125	10763.428	750.020	124398780.000	23791810.000	3232127.500	3854125.600	468.534
3	23:00:41	14163.267	4.688	10902.596	704.705	124396660.000	23914291.000	3213752.600	3818250.200	840.759
X		14166.918	3.819	10712.871	706.268	124189410.000	23886163.000	3219310.800	3827562.100	661.154
σ		215.080	0.796	219.417	42.992	360818.370	83903.310	11132.073	23344.729	186.453
%RSD		1.518	20.830	2.048	6.087	0.291	0.351	0.346	0.610	28.201
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	22:58:25	1207503.600	685.954	392808.460	657483.370	3441929.700	336192.480	5473501.500	56650.684	100.000
2	22:59:33	1229779.400	712.518	395005.300	668145.750	3439333.700	337707.000	5518094.800	57253.008	79.688
3	23:00:41	1214545.900	707.830	395728.020	673412.740	3443574.800	336799.440	5511803.600	58232.517	95.313
X		1217276.300	702.101	394513.930	666347.280	3441612.700	336899.640	5501133.300	57378.736	91.667
σ		11386.163	14.178	1520.543	8115.544	2138.216	762.217	24135.740	798.376	10.636
%RSD		0.935	2.019	0.385	1.218	0.062	0.226	0.439	1.391	11.603
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	22:58:25	96224.545	703.142	25585.391	2736.200	410.943	41508.654	19386.583	726.581	673.453
2	22:59:33	100179.720	734.394	26670.185	2554.916	360.942	42002.281	19195.700	743.769	656.265
3	23:00:41	101668.310	734.394	27844.297	2600.237	381.255	41685.731	19433.522	759.395	679.704
X		99357.523	723.977	26699.957	2630.451	384.380	41732.222	19338.602	743.249	669.807
σ		2813.474	18.043	1129.747	94.343	25.147	250.076	125.962	16.413	12.137
%RSD		2.832	2.492	4.231	3.587	6.542	0.599	0.651	2.208	1.812
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	22:58:25	1809.490	957.845	595.325	1695.413	512.509	512.509	791.689	360.421	16.667
2	22:59:33	1829.805	850.025	620.326	1688.121	514.072	514.072	764.083	400.526	12.500
3	23:00:41	1664.159	948.469	582.824	1638.115	526.572	526.572	794.814	382.297	24.479
X		1767.818	918.780	599.492	1673.883	517.718	517.718	783.528	381.081	17.882
σ		90.344	59.727	19.095	31.190	7.708	7.708	16.913	20.080	6.081
%RSD		5.110	6.501	3.185	1.863	1.489	1.489	2.159	5.269	34.008
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	22:58:25	395.313	231.252	245.315	153.126	271.878	4.688	138543.560	71.875	54.688
2	22:59:33	553.438	242.190	207.814	151.563	276.565	1.563	138597.200	81.250	43.750
3	23:00:41	-25.156	257.815	235.939	175.001	300.003	7.813	139283.510	115.625	32.813
X		307.865	243.752	229.689	159.897	282.815	4.688	138808.090	89.584	43.750
σ		299.045	13.350	19.516	13.104	15.069	3.125	412.601	23.035	10.938
%RSD		97.135	5.477	8.497	8.195	5.328	66.667	0.297	25.713	25.000
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	22:58:25	3.125	3.125	43.750	3.125	96.875	75.000	6735.963	11975.330	410808.950
2	22:59:33	4.688	4.688	40.625	3.125	73.438	85.938	6485.847	11579.691	412542.220
3	23:00:41	3.125	3.125	29.688	6.250	71.875	87.500	6593.709	11628.168	409633.730
X		3.646	3.646	38.021	4.167	80.729	82.813	6605.173	11727.730	410994.970
σ		0.902	0.902	7.384	1.804	14.005	6.811	125.451	215.793	1463.138
%RSD		24.744	24.744	19.421	43.301	17.348	8.224	1.899	1.840	0.356
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	22:58:25	437620.540	78.125	168.751	998.472	937.531	2315.813	365329.510	86575.607	
2	22:59:33	441954.060	60.938	129.688	992.222	918.780	2192.356	366353.680	86478.144	
3	23:00:41	443046.500	34.375	92.188	1012.536	826.586	2129.846	368312.470	86209.339	
X		440873.700	57.813	130.209	1001.077	894.299	2212.672	366665.220	86421.030	
σ		2869.779	22.042	38.284	10.404	59.386	94.633	1515.685	189.696	
%RSD		0.651	38.126	29.402	1.039	6.640	4.277	0.413	0.220	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:06:21	12550.823	2.604	12183.318	656.265	148686630.000	13004629.000	1737303.200	2052414.700	587.512
2	23:07:29	12677.498	4.688	12231.797	731.269	149533570.000	12838285.000	1718010.300	2057112.000	607.825
3	23:08:37	12568.026	2.083	12413.203	739.082	153701910.000	13217908.000	1773304.100	2106404.800	570.324
X		12598.782	3.125	12276.106	708.872	150640700.000	13020274.000	1742872.500	2071977.200	588.554
σ		68.710	1.378	121.179	45.726	2684690.600	190294.350	28064.490	29907.544	18.772
%RSD		0.545	44.096	0.987	6.451	1.782	1.462	1.610	1.443	3.190
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:06:21	1170950.000	1226.615	334679.660	600348.800	2128106.400	194778.230	3333747.500	55747.197	87.500
2	23:07:29	1175004.100	1145.358	332794.190	610079.550	2131410.700	193846.940	3306847.300	55811.522	100.000
3	23:08:37	1196702.100	1212.552	336621.370	624704.180	2166865.500	197746.720	3408776.200	56074.674	85.938
X		1180885.400	1194.842	334698.410	611710.840	2142127.500	195457.300	3349790.300	55877.798	91.146
σ		13846.846	43.427	1913.659	12259.363	21487.352	2036.644	52824.279	173.507	7.708
%RSD		1.173	3.635	0.572	2.004	1.003	1.042	1.577	0.311	8.456
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:06:21	98057.257	16583.057	25997.071	2859.661	435.944	36415.103	12539.876	1371.941	767.208
2	23:07:29	100618.730	16520.484	27482.660	2890.918	378.130	35722.733	11448.335	1346.939	664.078
3	23:08:37	103969.150	17080.517	28379.724	2990.938	390.630	36452.699	11748.579	1489.140	726.581
X		100881.710	16728.020	27286.485	2913.839	401.568	36196.845	11912.264	1402.673	719.289
σ		2964.708	306.871	1203.380	68.574	30.419	411.023	563.879	75.919	51.950
%RSD		2.939	1.834	4.410	2.353	7.575	1.136	4.734	5.412	7.222
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:06:21	1443.823	745.332	451.570	1967.844	409.381	409.381	501.050	250.002	18.229
2	23:07:29	1525.081	684.391	435.944	1948.570	437.507	437.507	515.113	217.710	18.750
3	23:08:37	1536.020	732.831	429.694	2097.550	407.818	407.818	522.405	251.044	14.063
X		1501.642	720.852	439.069	2004.655	418.235	418.235	512.856	239.585	17.014
σ		50.370	32.188	11.268	81.025	16.708	16.708	10.855	18.952	2.569
%RSD		3.354	4.465	2.566	4.042	3.995	3.995	2.117	7.910	15.101
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:06:21	156.251	253.127	245.315	189.064	401.568	1.563	138392.100	73.438	46.875
2	23:07:29	-722.344	293.753	276.565	157.813	429.694	0.000	138745.500	76.563	20.313
3	23:08:37	167.188	231.252	270.315	190.626	425.006	1.563	138789.680	71.875	39.063
X		-132.968	259.377	264.065	179.168	418.756	1.042	138642.430	73.959	35.417
σ		510.444	31.716	16.536	18.510	15.069	0.902	217.912	2.387	13.651
%RSD		383.884	12.228	6.262	10.331	3.598	86.603	0.157	3.227	38.545
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:06:21	0.000	0.000	43.750	3.125	53.125	103.125	2812.777	5119.667	408847.620
2	23:07:29	4.688	4.688	26.563	3.125	81.250	82.813	2940.928	5118.104	418346.460
3	23:08:37	1.563	1.563	20.313	7.813	65.625	93.750	2933.114	5336.934	414098.790
X		2.083	2.083	30.208	4.688	66.667	93.229	2895.606	5191.569	413764.290
σ		2.387	2.387	12.137	2.706	14.091	10.166	71.838	125.893	4758.245
%RSD		114.564	114.564	40.177	57.735	21.137	10.905	2.481	2.425	1.150
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	23:06:21	442935.320	40.625	92.188	939.093	809.398	2018.893	371114.860	79387.158	
2	23:07:29	454597.920	34.375	71.875	931.280	818.773	2023.581	376941.020	78325.069	
3	23:08:37	450816.820	35.938	60.938	923.467	837.525	1934.506	377489.600	81583.857	
X		449450.020	36.979	75.000	931.280	821.899	1992.326	375181.820	79765.361	
σ		5950.223	3.253	15.858	7.813	14.321	50.129	3532.760	1661.988	
%RSD		1.324	8.796	21.144	0.839	1.742	2.516	0.942	2.084	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:14:16	16667.530	4.167	8108.551	948.469	80155909.000	18568144.000	2531456.500	2994633.400	759.395
2	23:15:24	16708.203	3.646	8566.630	848.463	83360566.000	19041202.000	2563867.000	3060170.200	1004.746
3	23:16:33	16439.141	1.563	8230.495	946.906	82377500.000	19199633.000	2571576.000	3047814.800	822.538
X		16604.958	3.125	8301.892	914.613	81964658.000	18936326.000	2555633.200	3034206.100	862.226
σ		145.035	1.378	237.239	57.293	1641732.200	328547.930	21289.467	34823.331	127.399
%RSD		0.873	44.096	2.858	6.264	2.003	1.735	0.833	1.148	14.776
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:14:16	1145617.700	762.520	248180.970	629681.330	3267005.700	290360.790	4703759.600	58559.994	68.750
2	23:15:24	1151308.400	789.084	253224.580	655894.000	3295307.600	290337.670	4740535.500	59744.176	96.875
3	23:16:33	1163000.900	706.267	253727.130	656050.970	3311442.100	294213.580	4766267.000	59475.177	81.250
X		1153309.000	752.624	251710.890	647208.760	3291251.800	291637.350	4736854.100	59259.783	82.292
σ		8862.609	42.286	3067.313	15179.409	22494.129	2231.112	31415.918	620.780	14.091
%RSD		0.768	5.618	1.219	2.345	0.683	0.765	0.663	1.048	17.124
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:14:16	98598.463	770.333	26056.554	2740.888	689.079	43527.148	15943.267	554.698	632.827
2	23:15:24	103039.010	751.582	28141.754	2826.842	679.704	44254.377	16442.269	534.385	610.951
3	23:16:33	105908.320	782.834	28861.938	2675.251	660.953	43806.124	16512.663	589.075	645.327
X		102515.260	768.250	27686.749	2747.660	676.579	43862.550	16299.400	559.386	629.701
σ		3682.965	15.730	1456.989	76.022	14.321	366.883	310.422	27.645	17.400
%RSD		3.593	2.047	5.262	2.767	2.117	0.836	1.904	4.942	2.763
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:14:16	760.958	395.318	1553.209	1795.425	489.071	489.071	568.240	286.461	24.479
2	23:15:24	821.899	443.757	1562.585	1758.962	412.506	412.506	586.991	295.316	20.833
3	23:16:33	789.084	404.693	1467.263	1811.573	509.384	509.384	567.199	284.899	19.792
X		790.647	414.589	1527.686	1788.654	470.320	470.320	574.143	288.892	21.701
σ		30.500	25.691	52.537	26.951	51.088	51.088	11.139	5.618	2.461
%RSD		3.858	6.197	3.439	1.507	10.862	10.862	1.940	1.945	11.342
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:14:16	-316.250	204.689	190.626	146.876	248.440	3.125	144427.970	101.563	21.875
2	23:15:24	154.531	198.439	185.939	135.938	306.253	1.563	145491.810	75.000	25.000
3	23:16:33	183.281	203.126	179.689	187.501	285.940	0.000	143900.820	59.375	18.750
X		7.188	202.085	185.418	156.772	280.211	1.563	144606.870	78.646	21.875
σ		280.474	3.253	5.487	27.169	29.330	1.563	810.443	21.329	3.125
%RSD		3902.243	1.610	2.959	17.330	10.467	100.000	0.560	27.120	14.286
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:14:16	3.125	3.125	21.875	3.125	60.938	70.313	5424.467	9457.817	427020.970
2	23:15:24	1.563	1.563	14.063	3.125	59.375	59.375	5374.448	9672.023	424753.290
3	23:16:33	0.000	0.000	12.500	1.563	65.625	45.313	5376.011	9850.270	418930.390
X		1.563	1.563	16.146	2.604	61.979	58.333	5391.642	9660.037	423568.220
σ		1.563	1.563	5.023	0.902	3.253	12.533	28.438	196.501	4173.449
%RSD		100.000	100.000	31.109	34.641	5.248	21.484	0.527	2.034	0.985
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	23:14:16	463271.550	28.125	57.813	862.526	709.393	1857.933	390830.300	113949.530	
2	23:15:24	462913.340	29.688	51.563	818.773	735.956	1809.490	387033.690	115645.890	
3	23:16:33	453936.760	20.313	46.875	825.024	675.016	1803.239	384600.540	116345.280	
X		460040.550	26.042	52.083	835.441	706.788	1823.554	387488.180	115313.570	
σ		5289.072	5.023	5.487	23.664	30.554	29.937	3139.648	1231.967	
%RSD		1.150	19.287	10.536	2.832	4.323	1.642	0.810	1.068	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:22:13	14185.164	2.083	740.644	292.190	5022879.200	857267.160	114031.430	137365.070	526.572
2	23:23:21	14027.196	0.000	734.394	301.566	5014997.700	846272.090	113461.290	136765.610	540.635
3	23:24:29	13981.839	1.042	631.264	264.065	5027966.400	851438.760	114741.770	136623.640	515.634
X		14064.733	1.042	702.101	285.940	5021947.800	851659.340	114078.160	136918.110	527.614
σ		106.734	1.042	61.426	19.516	6534.340	5500.855	641.517	393.538	12.533
%RSD		0.759	100.000	8.749	6.825	0.130	0.646	0.562	0.287	2.375
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:22:13	46312.448	934.406	29978.296	114702.390	252027.120	12962.128	211109.350	56169.584	7.813
2	23:23:21	46143.152	842.212	29965.770	112229.740	252555.070	12707.212	211578.710	56489.592	7.813
3	23:24:29	46776.456	853.150	29605.646	112434.470	251635.940	12627.453	211451.860	55593.901	15.625
X		46410.685	876.589	29849.904	113122.200	252072.710	12765.598	211379.970	56084.359	10.417
σ		327.882	50.368	211.627	1372.308	461.259	174.810	242.800	453.887	4.511
%RSD		0.706	5.746	0.709	1.213	0.183	1.369	0.115	0.809	43.301
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:22:13	25572.869	382.818	8352.441	2872.164	207.814	33378.010	1625.092	17.188	50.000
2	23:23:21	23887.142	351.567	8000.677	2814.340	207.814	33157.184	1640.719	10.938	42.188
3	23:24:29	23932.530	323.441	7752.103	2745.576	204.689	33429.693	1712.603	15.625	64.063
X		24464.180	352.609	8035.074	2810.693	206.772	33321.629	1659.471	14.583	52.083
σ		960.421	29.702	301.644	63.372	1.804	144.739	46.672	3.253	11.085
%RSD		3.926	8.423	3.754	2.255	0.873	0.434	2.812	22.304	21.284
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:22:13	128.126	34.375	184.376	290.107	95.313	95.313	178.126	46.354	17.188
2	23:23:21	100.000	54.688	192.189	305.212	96.875	96.875	165.105	38.542	23.958
3	23:24:29	139.063	54.688	164.063	260.940	79.688	79.688	194.793	34.375	23.438
X		122.396	47.917	180.209	285.420	90.625	90.625	179.341	39.757	21.528
σ		20.152	11.727	14.518	22.505	9.504	9.504	14.881	6.081	3.768
%RSD		16.464	24.475	8.056	7.885	10.488	10.488	8.298	15.296	17.502
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:22:13	12.500	12.500	17.188	9.375	17.188	4.688	163173.480	92.188	4.688
2	23:23:21	12.500	14.063	7.813	14.063	26.563	1.563	162566.620	85.938	1.563
3	23:24:29	18.750	10.938	20.313	21.875	10.938	0.000	163154.510	92.188	4.688
X		14.583	12.500	15.104	15.104	18.229	2.083	162964.870	90.104	3.646
σ		3.608	1.563	6.505	6.315	7.864	2.387	345.026	3.608	1.804
%RSD		24.744	12.500	43.069	41.808	43.142	114.564	0.212	4.005	49.487
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:22:13	1.563	1.563	1.563	1.563	50.000	18.750	148.438	257.815	442808.030
2	23:23:21	1.563	1.563	3.125	1.563	53.125	18.750	131.251	268.753	445249.360
3	23:24:29	0.000	0.000	1.563	1.563	64.063	15.625	128.126	248.440	442592.110
X		1.042	1.042	2.083	1.563	55.729	17.708	135.938	258.336	443549.830
σ		0.902	0.902	0.902	0.000	7.384	1.804	10.938	10.166	1475.789
%RSD		86.603	86.603	43.301	0.000	13.250	10.189	8.046	3.935	0.333
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	23:22:13	472328.180	6.250	26.563	145.313	98.438	279.690	422148.060	2640.869	
2	23:23:21	485653.020	14.063	29.688	117.188	121.876	279.690	426750.570	2490.842	
3	23:24:29	476857.800	17.188	37.500	135.938	110.938	250.002	425281.150	2492.405	
X		478279.670	12.500	31.250	132.813	110.417	269.794	424726.590	2541.372	
σ		6775.261	5.634	5.634	14.321	11.728	17.140	2350.834	86.171	
%RSD		1.417	45.069	18.028	10.783	10.621	6.353	0.553	3.391	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:30:10	14116.346	1.042	734.394	307.816	6639205.100	663486.600	88397.652	108512.120	568.761
2	23:31:18	13914.586	1.042	806.273	285.940	6593669.700	655232.660	88314.326	107260.540	668.766
3	23:32:26	13672.164	3.646	789.084	260.940	6708962.500	667609.760	88458.967	107071.630	562.511
X		13901.032	1.910	776.584	284.899	6647279.100	662109.670	88390.315	107614.760	600.013
σ		222.401	1.504	37.535	23.455	58068.928	6302.386	72.599	782.856	59.624
%RSD		1.600	78.730	4.833	8.233	0.874	0.952	0.082	0.727	9.937
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:30:10	51680.813	903.154	32659.164	102705.370	187630.390	10319.351	172228.850	56953.930	4.688
2	23:31:18	53167.504	876.589	32251.991	103728.350	186294.330	10123.898	170838.870	56103.701	7.813
3	23:32:26	52596.646	876.589	32485.331	103083.080	187217.210	10420.987	169849.050	55451.161	10.938
X		52481.654	885.444	32465.495	103172.270	187047.310	10288.079	170972.260	56169.597	7.813
σ		749.986	15.337	204.310	517.287	684.045	150.993	1195.495	753.549	3.125
%RSD		1.429	1.732	0.629	0.501	0.366	1.468	0.699	1.342	40.000
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:30:10	20373.893	576.574	6703.135	3011.255	1276.620	34850.270	1556.335	31.250	50.000
2	23:31:18	20204.903	665.641	6362.354	2983.124	1285.995	34782.918	1632.906	31.250	54.688
3	23:32:26	19992.104	581.262	6478.031	2973.747	1248.492	34948.948	1645.407	28.125	48.438
X		20190.300	607.825	6514.507	2989.375	1270.369	34860.712	1611.549	30.208	51.042
σ		191.313	50.124	173.294	19.520	19.517	83.506	48.224	1.804	3.253
%RSD		0.948	8.246	2.660	0.653	1.536	0.240	2.992	5.973	6.372
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:30:10	96.875	45.313	70.313	259.377	87.500	87.500	153.647	30.729	21.875
2	23:31:18	103.125	45.313	81.250	257.815	81.250	81.250	173.959	30.208	19.271
3	23:32:26	93.750	42.188	62.500	252.086	51.563	51.563	166.147	22.917	25.000
X		97.917	44.271	71.354	256.426	73.438	73.438	164.584	27.951	22.049
σ		4.774	1.804	9.418	3.839	19.200	19.200	10.246	4.368	2.869
%RSD		4.875	4.075	13.199	1.497	26.145	26.145	6.225	15.627	13.010
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:30:10	17.188	15.625	20.313	14.063	21.875	4.688	161770.150	106.250	6.250
2	23:31:18	15.625	18.750	9.375	15.625	26.563	0.000	162397.520	90.625	12.500
3	23:32:26	15.625	18.750	15.625	28.125	28.125	0.000	165362.500	104.688	9.375
X		16.146	17.708	15.104	19.271	25.521	1.563	163176.720	100.521	9.375
σ		0.902	1.804	5.487	7.708	3.253	2.706	1918.749	8.606	3.125
%RSD		5.587	10.189	36.330	39.996	12.745	173.205	1.176	8.561	33.333
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:30:10	3.125	3.125	14.063	0.000	120.313	26.563	139.063	245.315	438933.350
2	23:31:18	1.563	1.563	20.313	4.688	114.063	23.438	123.438	262.502	440051.340
3	23:32:26	3.125	3.125	12.500	0.000	125.001	7.813	148.438	253.127	439195.920
X		2.604	2.604	15.625	1.563	119.792	19.271	136.980	253.648	439393.540
σ		0.902	0.902	4.134	2.706	5.487	10.045	12.630	8.606	584.607
%RSD		34.641	34.641	26.458	173.205	4.581	52.128	9.220	3.393	0.133
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	23:30:10	475909.780	20.313	35.938	64.063	50.000	154.688	419638.220	3139.407	
2	23:31:18	477565.230	20.313	45.313	70.313	48.438	129.688	416876.280	3094.085	
3	23:32:26	477127.530	18.750	48.438	51.563	68.750	146.876	420246.330	3020.632	
X		476867.510	19.792	43.229	61.979	55.729	143.751	418920.280	3084.708	
σ		857.811	0.902	6.505	9.547	11.303	12.790	1796.075	59.940	
%RSD		0.180	4.558	15.048	15.404	20.283	8.897	0.429	1.943	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:38:07	14440.107	0.521	660.953	253.127	5888350.000	1121711.400	150687.440	181128.530	548.448
2	23:39:15	14300.904	1.563	610.951	315.628	5859722.800	1109375.100	150014.790	179364.290	482.821
3	23:40:23	14391.621	1.042	659.390	325.004	5921710.300	1112322.400	152144.950	182196.670	509.384
X		14377.544	1.042	643.765	297.920	5889927.700	1114469.600	150949.060	180896.500	513.551
σ		70.661	0.521	28.428	39.074	31023.870	6442.404	1088.914	1430.375	33.012
%RSD		0.491	50.000	4.416	13.116	0.527	0.578	0.721	0.791	6.428
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:38:07	55771.153	868.776	33421.863	101059.320	248468.720	14521.439	242436.710	57123.355	10.938
2	23:39:15	55720.957	812.523	33672.450	102113.650	247165.150	14840.517	242543.180	56544.496	12.500
3	23:40:23	55742.918	875.027	33022.498	103051.600	249363.800	15073.573	244006.860	56723.328	6.250
X		55745.009	852.109	33372.270	102074.860	248332.550	14811.843	242995.580	56797.060	9.896
σ		25.163	34.424	327.802	996.707	1105.634	277.182	877.404	296.389	3.253
%RSD		0.045	4.040	0.982	0.976	0.445	1.871	0.361	0.522	32.868
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:38:07	19032.983	309.378	6143.508	2708.069	287.503	34101.591	1900.126	42.188	59.375
2	23:39:15	18856.186	339.067	6057.534	2742.451	301.566	34399.178	1756.358	39.063	46.875
3	23:40:23	18044.201	306.253	5865.266	2773.707	287.503	34374.118	1787.612	56.250	62.500
X		18644.457	318.233	6022.103	2741.409	292.190	34291.629	1814.699	45.833	56.250
σ		527.299	18.110	142.465	32.831	8.119	165.054	75.615	9.155	8.268
%RSD		2.828	5.691	2.366	1.198	2.779	0.481	4.167	19.975	14.699
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:38:07	126.563	70.313	68.750	222.918	46.875	46.875	167.188	23.438	24.479
2	23:39:15	92.188	78.125	51.563	226.564	76.563	76.563	182.814	31.771	18.229
3	23:40:23	114.063	67.188	76.563	207.814	68.750	68.750	166.668	29.167	19.792
X		110.938	71.875	65.625	219.099	64.063	64.063	172.223	28.125	20.833
σ		17.399	5.634	12.790	9.942	15.389	15.389	9.175	4.263	3.253
%RSD		15.684	7.838	19.489	4.537	24.022	24.022	5.328	15.158	15.613
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:38:07	21.875	14.063	18.750	15.625	21.875	1.563	163432.670	87.500	12.500
2	23:39:15	10.938	18.750	9.375	9.375	14.063	1.563	165019.500	101.563	4.688
3	23:40:23	10.938	17.188	12.500	7.813	15.625	0.000	165918.890	100.000	7.813
X		14.583	16.667	13.542	10.938	17.188	1.042	164790.350	96.354	8.333
σ		6.315	2.387	4.774	4.134	4.134	0.902	1258.853	7.708	3.932
%RSD		43.301	14.321	35.251	37.796	24.052	86.603	0.764	7.999	47.186
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:38:07	0.000	0.000	14.063	1.563	68.750	15.625	298.441	579.699	441543.200
2	23:39:15	1.563	1.563	10.938	3.125	73.438	21.875	315.628	590.637	442611.450
3	23:40:23	0.000	0.000	7.813	0.000	73.438	7.813	348.442	617.201	446406.520
X		0.521	0.521	10.938	1.563	71.875	15.104	320.837	595.846	443520.390
σ		0.902	0.902	3.125	1.563	2.706	7.046	25.404	19.286	2555.894
%RSD		173.205	173.205	28.571	100.000	3.765	46.647	7.918	3.237	0.576
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	23:38:07	473397.070	21.875	46.875	90.625	50.000	162.501	417019.430	3675.473	
2	23:39:15	476040.590	23.438	46.875	89.063	57.813	157.813	424098.320	3497.303	
3	23:40:23	483867.380	10.938	62.500	70.313	60.938	115.625	430874.760	3836.453	
X		477768.350	18.750	52.083	83.334	56.250	145.313	423997.500	3669.743	
σ		5444.783	6.811	9.021	11.303	5.634	25.817	6928.213	169.647	
%RSD		1.140	36.324	17.321	13.564	10.015	17.766	1.634	4.623	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:46:04	14377.544	2.083	645.327	278.128	7237914.200	630659.180	84214.682	100522.740	500.009
2	23:47:12	14078.809	1.042	743.769	293.753	7197691.700	630750.800	84778.942	102392.200	515.634
3	23:48:20	13887.997	2.083	673.453	290.628	7132285.000	619758.270	83623.726	100821.710	503.134
X		14114.783	1.736	687.517	287.503	7189297.000	627056.080	84205.783	101245.550	506.259
σ		246.748	0.601	50.706	8.268	53312.646	6320.256	577.660	1004.214	8.268
%RSD		1.748	34.641	7.375	2.876	0.742	1.008	0.686	0.992	1.633
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:46:04	54594.747	934.406	30144.270	98576.437	190518.240	9195.146	151538.560	57583.007	17.188
2	23:47:12	54475.543	900.028	30358.786	100527.460	190999.600	9398.403	151942.820	56102.132	14.063
3	23:48:20	55658.213	850.025	30686.047	100212.760	188735.430	9009.090	150636.910	56469.199	9.375
X		54909.501	894.820	30396.368	99772.220	190084.420	9200.880	151372.760	56718.113	13.542
σ		651.138	42.431	272.837	1047.465	1192.796	194.720	668.555	771.178	3.932
%RSD		1.186	4.742	0.898	1.050	0.628	2.116	0.442	1.360	29.038
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:46:04	17038.280	1050.039	5485.428	2856.536	251.565	33393.672	1393.818	84.375	51.563
2	23:47:12	17371.493	975.033	5372.885	2759.642	264.065	33085.143	1310.998	71.875	54.688
3	23:48:20	17096.161	1034.412	5560.457	2865.912	275.003	33069.481	1356.314	81.250	62.500
X		17168.645	1019.828	5472.923	2827.363	263.544	33182.765	1353.710	79.167	56.250
σ		178.040	39.572	94.409	58.836	11.728	182.818	41.472	6.505	5.634
%RSD		1.037	3.880	1.725	2.081	4.450	0.551	3.064	8.217	10.015
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:46:04	112.500	43.750	71.875	217.189	56.250	56.250	155.209	25.000	18.750
2	23:47:12	123.438	45.313	62.500	230.210	60.938	60.938	169.272	30.208	21.354
3	23:48:20	129.688	59.375	54.688	229.168	73.438	73.438	166.668	30.729	19.271
X		121.876	49.479	63.021	225.523	63.542	63.542	163.716	28.646	19.792
σ		8.700	8.606	8.606	7.236	8.885	8.885	7.481	3.168	1.378
%RSD		7.138	17.392	13.655	3.208	13.983	13.983	4.570	11.060	6.963
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:46:04	14.063	12.500	20.313	23.438	17.188	0.000	165680.210	84.375	0.000
2	23:47:12	12.500	20.313	18.750	10.938	18.750	1.563	163606.510	107.813	3.125
3	23:48:20	17.188	17.188	10.938	9.375	21.875	0.000	163889.420	82.813	4.688
X		14.583	16.667	16.667	14.583	19.271	0.521	164392.050	91.667	2.604
σ		2.387	3.932	5.023	7.708	2.387	0.902	1124.513	14.005	2.387
%RSD		16.366	23.593	30.136	52.852	12.385	173.205	0.684	15.278	91.652
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:46:04	0.000	0.000	10.938	0.000	68.750	15.625	140.626	253.127	452483.930
2	23:47:12	0.000	0.000	3.125	0.000	57.813	20.313	145.313	251.565	447794.270
3	23:48:20	0.000	0.000	6.250	1.563	65.625	7.813	129.688	240.627	445321.880
X		0.000	0.000	6.771	0.521	64.063	14.583	138.542	248.440	448533.360
σ		0.000	0.000	3.932	0.902	5.634	6.315	8.018	6.811	3637.777
%RSD		0.000	0.000	58.076	173.205	8.794	43.301	5.788	2.741	0.811
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	23:46:04	485682.110	15.625	56.250	65.625	45.313	135.938	433009.750	3450.417	
2	23:47:12	487232.010	21.875	46.875	64.063	64.063	128.126	429145.740	3517.621	
3	23:48:20	484426.480	20.313	56.250	48.438	59.375	125.001	433658.690	3550.441	
X		485780.200	19.271	53.125	59.375	56.250	129.688	431938.060	3506.159	
σ		1405.335	3.253	5.413	9.504	9.758	5.634	2439.890	50.988	
%RSD		0.289	16.878	10.189	16.007	17.347	4.344	0.565	1.454	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	23:54:02	15175.243	1.042	489.071	259.377	4137344.700	925469.720	127204.450	152133.900	617.201
2	23:55:10	15148.653	1.042	490.633	309.378	4078061.200	923484.490	123766.640	151546.460	595.325
3	23:56:18	14887.441	1.563	445.319	317.191	4052563.300	926192.540	124072.400	149880.580	606.263
X		15070.446	1.215	475.008	295.316	4089323.100	925048.920	125014.490	151186.980	606.263
σ		159.044	0.301	25.723	31.368	43498.209	1402.206	1902.708	1168.879	10.938
%RSD		1.055	24.744	5.415	10.622	1.064	0.152	1.522	0.773	1.804
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	23:54:02	56740.584	957.845	27463.874	100744.610	244358.100	13163.875	221426.280	58494.512	10.938
2	23:55:10	56919.418	910.967	27535.887	102925.700	243458.560	13345.293	217478.830	58554.130	6.250
3	23:56:18	56326.450	915.654	27845.862	102535.410	244482.070	13181.078	218024.550	60393.012	17.188
X		56662.151	928.155	27615.208	102068.570	244099.570	13230.082	218976.550	59147.218	11.458
σ		304.166	25.818	202.972	1163.074	558.586	100.146	2138.998	1079.301	5.487
%RSD		0.537	2.782	0.735	1.140	0.229	0.757	0.977	1.825	47.889
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	23:54:02	15941.702	300.003	4971.177	2897.169	243.752	35667.909	1804.802	23.438	51.563
2	23:55:10	15897.904	340.629	5177.501	2837.782	234.377	35965.529	1757.921	42.188	50.000
3	23:56:18	15445.846	317.191	4955.547	2798.712	229.689	35600.554	1792.300	32.813	71.875
X		15761.817	319.274	5034.742	2844.554	235.939	35744.664	1785.007	32.813	57.813
σ		274.514	20.393	123.880	49.577	7.160	194.217	24.276	9.375	12.204
%RSD		1.742	6.387	2.460	1.743	3.035	0.543	1.360	28.571	21.109
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	23:54:02	143.751	78.125	278.128	191.147	39.063	39.063	159.376	23.438	23.438
2	23:55:10	154.688	68.750	265.627	172.918	56.250	56.250	172.397	34.896	15.104
3	23:56:18	126.563	76.563	240.627	173.959	60.938	60.938	153.647	32.813	18.750
X		141.667	74.479	261.461	179.341	52.083	52.083	161.806	30.382	19.097
σ		14.178	5.023	19.094	10.237	11.517	11.517	9.609	6.104	4.178
%RSD		10.008	6.744	7.303	5.708	22.113	22.113	5.938	20.090	21.875
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	23:54:02	15.625	7.813	17.188	14.063	7.813	4.688	165049.530	89.063	7.813
2	23:55:10	12.500	7.813	14.063	6.250	12.500	4.688	171000.160	101.563	6.250
3	23:56:18	12.500	6.250	14.063	10.938	15.625	0.000	170830.970	104.688	6.250
X		13.542	7.292	15.104	10.417	11.979	3.125	168960.220	98.438	6.771
σ		1.804	0.902	1.804	3.932	3.932	2.706	3387.811	8.268	0.902
%RSD		13.323	12.372	11.945	37.749	32.825	86.603	2.005	8.399	13.323
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	23:54:02	0.000	0.000	4.688	0.000	50.000	50.000	228.127	479.696	449836.640
2	23:55:10	0.000	0.000	1.563	0.000	53.125	53.125	237.502	459.382	460072.170
3	23:56:18	0.000	0.000	1.563	1.563	67.188	56.250	231.252	506.259	460151.220
X		0.000	0.000	2.604	0.521	56.771	53.125	232.294	481.779	456686.680
σ		0.000	0.000	1.804	0.902	9.155	3.125	4.774	23.508	5932.438
%RSD		0.000	0.000	69.282	173.205	16.127	5.882	2.055	4.879	1.299
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	23:54:02	484576.760	28.125	56.250	79.688	59.375	157.813	426732.870	4857.076	
2	23:55:10	491632.100	20.313	50.000	71.875	54.688	131.251	436683.130	5071.212	
3	23:56:18	493627.280	17.188	53.125	57.813	56.250	125.001	437478.800	5132.172	
X		489945.380	21.875	53.125	69.792	56.771	138.022	433631.600	5020.153	
σ		4755.181	5.634	3.125	11.085	2.387	17.423	5987.708	144.481	
%RSD		0.971	25.754	5.882	15.883	4.204	12.623	1.381	2.878	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:01:58	13312.450	23636.204	4583.548	315.628	18016705.000	13097440.000	1774186.300	2116768.200	2991141.700
2	00:03:06	13091.934	22989.838	4617.934	317.191	17706988.000	12703837.000	1727147.700	2077531.400	2937661.100
3	00:04:15	13725.340	23272.587	4749.227	285.940	17812598.000	12881601.000	1743358.100	2072986.500	2953877.600
x		13376.575	23299.543	4650.236	306.253	17845430.000	12894293.000	1748230.700	2089095.400	2960893.400
σ		321.535	324.025	87.436	17.609	157447.030	197108.360	23894.873	24072.863	27421.895
%RSD		2.404	1.391	1.880	5.750	0.882	1.529	1.367	1.152	0.926
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:01:58	27288.475	149839.530	16404.726	72219.588	8857327.200	45190.036	693866.890	51640.041	22381.582
2	00:03:06	26092.900	147744.440	16069.971	70875.381	8697025.300	45190.036	683988.450	53303.948	22149.971
3	00:04:15	25652.425	148596.960	16231.090	70482.821	8788564.700	44999.275	692489.940	53686.627	22497.388
x		26344.600	148726.980	16235.263	71192.597	8780972.400	45126.449	690115.090	52876.872	22342.980
σ		846.569	1053.579	167.417	910.801	80420.162	110.136	5350.311	1088.083	176.896
%RSD		3.213	0.708	1.031	1.279	0.916	0.244	0.775	2.058	0.792
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:01:58	361182.280	338985.670	45815.537	1291840.900	969991.850	22276544.000	547725.680	413058.380	88267.161
2	00:03:06	353932.300	330635.550	44752.801	1274637.600	951577.220	21584057.000	532858.400	403860.290	87136.816
3	00:04:15	353829.800	334390.190	44481.644	1272059.800	966065.270	21674728.000	531279.490	402055.760	86707.654
x		356314.790	334670.470	45016.661	1279512.800	962544.780	21845110.000	537287.860	406324.810	87370.544
σ		4215.679	4182.113	705.006	10754.023	9698.971	376373.080	9073.828	5900.828	805.597
%RSD		1.183	1.250	1.566	0.840	1.008	1.723	1.689	1.452	0.922
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:01:58	443778.060	213832.210	168060.900	63702.129	4249.069	4249.069	13962.028	5896.008	14.583
2	00:03:06	436159.680	210495.700	164256.090	63159.624	4256.884	4256.884	13564.249	5832.961	28.646
3	00:04:15	436641.250	211055.430	165825.630	63228.679	4338.159	4338.159	13569.462	5806.909	20.833
x		438859.670	211794.450	166047.540	63363.478	4281.371	4281.371	13698.580	5845.293	21.354
σ		4266.258	1786.806	1912.086	295.307	49.335	49.335	228.168	45.812	7.046
%RSD		0.972	0.844	1.152	0.466	1.152	1.152	1.666	0.784	32.995
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:01:58	79285.030	140100.820	151620.670	89411.746	231433.020	3.125	148382.250	9263.940	431294.970
2	00:03:06	78222.949	139280.360	147373.450	86427.841	227471.710	3.125	151966.510	9202.963	429812.210
3	00:04:15	78067.414	137475.500	147526.580	87243.715	228929.090	3.125	152037.570	9395.276	426843.920
x		78525.131	138952.230	148840.230	87694.434	229277.940	3.125	150795.440	9287.393	429317.030
σ		662.671	1343.067	2409.148	1542.168	2003.560	0.000	2090.189	98.278	2266.463
%RSD		0.844	0.967	1.619	1.759	0.874	0.000	1.386	1.058	0.528
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:01:58	7342.511	7342.511	426599.280	110664.480	296571.790	423325.910	376390.860	667559.910	413897.780
2	00:03:06	7043.924	7043.924	421901.880	108225.590	293206.510	415969.160	367033.290	653225.820	421612.270
3	00:04:15	6942.311	6942.311	420894.690	109138.750	292830.160	414830.510	371546.170	656960.100	427156.180
x		7109.582	7109.582	423131.950	109342.940	294202.820	418041.860	371656.770	659248.610	420888.740
σ		208.022	208.022	3044.727	1232.200	2060.201	4611.401	4679.761	7436.029	6658.746
%RSD		2.926	2.926	0.720	1.127	0.700	1.103	1.259	1.128	1.582
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	00:01:58	448550.250	860828.920	2069708.300	689875.710	649250.620	1533130.700	391433.990	4059000.300	
2	00:03:06	461950.090	860401.140	2041008.900	679806.710	648289.670	1514742.100	399671.490	3987913.000	
3	00:04:15	461892.000	847108.140	2051889.900	682915.460	638528.520	1526307.900	400620.970	3986089.100	
x		457464.110	856112.730	2054202.300	684199.290	645356.270	1524726.900	397242.150	4011000.800	
σ		7719.687	7801.137	14488.734	5155.810	5932.493	9295.678	5052.368	41578.780	
%RSD		1.687	0.911	0.705	0.754	0.919	0.610	1.272	1.037	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:09:53	13848.897	13.021	112.500	225.002	117569.310	6116.934	892.215	968.783	1556.335
2	00:11:00	14099.142	14.583	126.563	220.314	117515.740	6224.793	839.087	1020.349	1532.895
3	00:12:09	14263.367	16.667	104.688	240.627	117451.150	6645.295	901.591	1078.166	1646.970
X		14070.469	14.757	114.584	228.648	117512.070	6329.008	877.631	1022.433	1578.733
σ		208.717	1.829	11.085	10.636	59.162	279.172	33.708	54.721	60.246
%RSD		1.483	12.395	9.674	4.652	0.050	4.411	3.841	5.352	3.816
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:09:53	515.634	926.593	17014.814	72185.039	93457.831	39.063	640.639	54560.240	10.938
2	00:11:00	387.505	950.032	16971.012	72216.447	92701.364	21.875	643.765	55284.893	15.625
3	00:12:09	509.384	921.905	16850.557	73545.075	93199.904	29.688	659.390	54015.990	18.750
X		470.841	932.843	16945.461	72648.854	93119.700	30.208	647.931	54620.374	15.104
σ		72.239	15.069	85.057	776.309	384.559	8.606	10.046	636.585	3.932
%RSD		15.342	1.615	0.502	1.069	0.413	28.487	1.550	1.165	26.034
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:09:53	12743.181	390.630	4295.958	3034.697	603.138	39145.748	1259.430	195.314	54.688
2	00:11:00	12360.032	379.693	4128.721	2959.682	503.134	38790.092	1196.925	181.251	43.750
3	00:12:09	12439.789	393.755	3927.102	3206.610	568.761	40905.355	1132.857	203.126	51.563
X		12514.334	388.026	4117.261	3066.996	558.344	39613.732	1196.404	193.230	50.000
σ		202.160	7.384	184.695	126.593	50.809	1132.626	63.288	11.085	5.634
%RSD		1.615	1.903	4.486	4.128	9.100	2.859	5.290	5.737	11.267
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:09:53	225.002	140.626	90.625	156.772	35.938	35.938	130.730	23.958	18.750
2	00:11:00	228.127	101.563	107.813	122.396	29.688	29.688	134.376	18.750	23.958
3	00:12:09	209.377	98.438	129.688	144.272	43.750	43.750	139.063	18.750	18.229
X		220.835	113.542	109.375	141.147	36.458	36.458	134.723	20.486	20.313
σ		10.046	23.507	19.578	17.399	7.046	7.046	4.178	3.007	3.168
%RSD		4.549	20.703	17.900	12.327	19.325	19.325	3.101	14.678	15.597
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:09:53	75.000	117.188	104.688	65.625	170.314	1.563	157978.070	110.938	270.315
2	00:11:00	50.000	64.063	93.750	57.813	146.876	3.125	158156.590	100.000	229.689
3	00:12:09	46.875	79.688	103.125	64.063	139.063	0.000	159960.890	95.313	203.126
X		57.292	86.979	100.521	62.500	152.084	1.563	158698.520	102.084	234.377
σ		15.415	27.303	5.916	4.134	16.263	1.563	1096.884	8.018	33.839
%RSD		26.907	31.390	5.885	6.614	10.694	100.000	0.691	7.855	14.438
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:09:53	1.563	1.563	242.190	59.375	332.816	545.323	162.501	287.503	425537.040
2	00:11:00	4.688	4.688	253.127	53.125	321.879	385.943	134.376	300.003	425271.490
3	00:12:09	1.563	1.563	187.501	70.313	276.565	423.444	143.751	339.067	427775.870
X		2.604	2.604	227.606	60.938	310.420	451.570	146.876	308.858	426194.800
σ		1.804	1.804	35.160	8.700	29.825	83.330	14.321	26.898	1375.670
%RSD		69.282	69.282	15.448	14.276	9.608	18.453	9.750	8.709	0.323
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	00:09:53	458812.300	529.697	1339.125	331.254	315.628	818.773	413523.100	1611.028	
2	00:11:00	460551.310	500.009	1123.482	334.379	318.754	745.332	415592.810	1626.655	
3	00:12:09	461322.480	448.445	968.783	364.067	292.190	796.897	417043.560	1789.175	
X		460228.690	492.717	1143.797	343.233	308.858	787.001	415386.490	1675.619	
σ		1285.810	41.114	186.005	18.110	14.518	37.708	1769.277	98.652	
%RSD		0.279	8.344	16.262	5.276	4.701	4.791	0.426	5.887	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:17:47	18757.619	13.021	9546.939	484.383	95557789.000	22814376.000	3095019.900	3657437.600	1436.839
2	00:18:55	18433.760	8.333	9986.302	471.883	96028339.000	23037545.000	3110848.200	3710210.700	1366.559
3	00:20:03	18460.357	8.854	9992.556	451.570	95427128.000	22875895.000	3113499.900	3710011.800	989.128
x		18550.579	10.069	9841.932	469.279	95671085.000	22909272.000	3106456.000	3692553.400	1264.175
σ		179.795	2.569	255.491	16.561	316213.080	115267.870	9992.307	30411.291	240.776
%RSD		0.969	25.515	2.596	3.529	0.331	0.503	0.322	0.824	19.046
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:17:47	1202690.700	843.775	280667.780	643374.790	3417425.900	310780.850	5072696.200	59290.971	78.125
2	00:18:55	1229198.100	773.458	283305.020	661954.790	3473897.000	312260.690	5101980.300	58589.233	75.000
3	00:20:03	1208257.200	834.399	281540.970	670044.130	3441334.300	312324.280	5103480.400	58451.810	85.938
x		1213382.000	817.211	281837.920	658457.910	3444219.100	311788.610	5092719.000	58777.338	79.688
σ		13977.065	38.180	1343.461	13674.232	28345.835	873.321	17356.441	450.095	5.634
%RSD		1.152	4.672	0.477	2.077	0.823	0.280	0.341	0.766	7.070
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:17:47	110566.850	879.715	25815.492	4075.581	1778.236	69342.888	19605.632	1437.572	1032.850
2	00:18:55	114418.880	921.905	26707.755	3989.619	1696.976	67625.308	19452.297	1370.378	1067.227
3	00:20:03	117024.230	990.659	27830.207	4034.945	1707.915	67265.805	18962.577	1315.686	1012.536
x		114003.320	930.760	26784.484	4033.382	1727.709	68078.000	19340.169	1374.545	1037.538
σ		3248.686	56.000	1009.547	43.002	44.098	1110.075	335.871	61.050	27.645
%RSD		2.850	6.017	3.769	1.066	2.552	1.631	1.737	4.441	2.665
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:17:47	4516.339	2137.660	2253.303	2017.851	420.319	420.319	528.656	297.920	17.708
2	00:18:55	4380.359	2081.402	2218.922	2028.790	459.382	459.382	569.803	287.503	22.917
3	00:20:03	4402.241	2100.154	2329.878	2063.691	448.445	448.445	553.657	282.294	19.792
x		4432.980	2106.405	2267.367	2036.777	442.715	442.715	550.705	289.239	20.139
σ		73.016	28.645	56.799	23.941	20.152	20.152	20.732	7.956	2.621
%RSD		1.647	1.360	2.505	1.175	4.552	4.552	3.765	2.751	13.017
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:17:47	-970.313	390.630	432.819	284.378	585.950	6.250	144273.290	96.875	135.938
2	00:18:55	-197.656	401.568	420.319	271.878	600.013	3.125	144671.040	75.000	84.375
3	00:20:03	-316.250	359.380	409.381	235.939	648.452	4.688	146168.980	82.813	75.000
x		-494.740	383.859	420.840	264.065	611.471	4.688	145037.770	84.896	98.438
σ		416.105	21.894	11.728	25.147	32.789	1.563	999.639	11.085	32.813
%RSD		84.106	5.704	2.787	9.523	5.362	33.333	0.689	13.058	33.333
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:17:47	7.813	7.813	100.000	39.063	268.753	284.378	8475.951	14638.746	421763.510
2	00:18:55	6.250	6.250	76.563	25.000	228.127	201.564	8429.049	14909.339	428640.280
3	00:20:03	3.125	3.125	75.000	35.938	212.502	234.377	8421.231	14924.980	432922.800
x		5.729	5.729	83.854	33.333	236.460	240.106	8442.077	14824.355	427775.530
σ		2.387	2.387	14.005	7.384	29.037	41.703	29.595	160.932	5629.677
%RSD		41.660	41.660	16.701	22.152	12.280	17.369	0.351	1.086	1.316
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	00:17:47	458431.610	389.068	1051.601	2120.470	1979.825	4438.189	387179.760	166581.220	
2	00:18:55	465103.080	234.377	643.765	1787.612	1507.892	3803.631	393495.740	169472.750	
3	00:20:03	470109.900	270.315	550.011	1673.536	1420.383	3592.639	395564.200	171662.720	
x		464548.200	297.920	748.459	1860.539	1636.033	3944.820	392079.900	169238.900	
σ		5858.885	80.956	266.681	232.220	300.930	440.102	4367.855	2548.810	
%RSD		1.261	27.174	35.631	12.481	18.394	11.156	1.114	1.506	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:25:42	14548.029	7.292	6573.387	467.195	70145386.000	16808156.000	2252912.500	2675762.500	1229.740
2	00:26:50	14558.977	3.125	6568.697	481.258	69347876.000	17005034.000	2291775.400	2700483.800	1064.102
3	00:27:59	14393.185	5.729	6698.445	471.883	69997560.000	16921591.000	2276126.600	2721660.200	1095.354
X		14500.064	5.382	6613.510	473.445	69830274.000	16911594.000	2273604.800	2699302.200	1129.732
σ		92.722	2.105	73.593	7.161	424256.790	98819.021	19553.796	22971.672	88.008
%RSD		0.639	39.111	1.113	1.512	0.608	0.584	0.860	0.851	7.790
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:25:42	1123565.300	785.959	266778.880	602440.390	2976930.200	261021.230	4252569.900	57118.509	51.563
2	00:26:50	1146929.400	792.209	268412.170	610249.070	2940868.600	260963.430	4236842.000	58770.516	84.375
3	00:27:59	1147842.300	798.460	270091.830	620110.390	2950022.300	246553.140	4276414.700	58364.093	68.750
X		1139445.700	792.209	268427.630	610933.280	2955940.400	256179.270	4255275.500	58084.372	68.229
σ		13760.370	6.250	1656.528	8854.846	18745.051	8336.518	19924.575	860.793	16.413
%RSD		1.208	0.789	0.617	1.449	0.634	3.254	0.468	1.482	24.055
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:25:42	100019.230	1337.563	26054.989	2543.977	512.509	39560.952	14950.006	348.442	423.444
2	00:26:50	104172.180	1312.560	27186.782	2473.652	535.948	38675.720	14368.159	334.379	428.131
3	00:27:59	106914.210	1361.002	27894.394	2504.907	546.885	38544.115	14832.696	309.378	462.507
X		103701.870	1337.042	27045.388	2507.512	531.781	38926.929	14716.954	330.733	438.028
σ		3471.467	24.225	927.819	35.235	17.563	553.009	307.707	19.785	21.329
%RSD		3.348	1.812	3.431	1.405	3.303	1.421	2.091	5.982	4.869
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:25:42	5230.645	2586.172	3358.207	1770.943	532.822	532.822	624.493	272.398	18.229
2	00:26:50	5068.086	2661.185	3473.860	1714.686	478.133	478.133	634.910	283.857	20.313
3	00:27:59	5185.316	2679.939	3275.375	1826.679	454.695	454.695	609.909	305.732	23.958
X		5161.349	2642.432	3369.148	1770.770	488.550	488.550	623.104	287.329	20.833
σ		83.888	49.617	99.693	55.997	40.092	40.092	12.558	16.936	2.900
%RSD		1.625	1.878	2.959	3.162	8.206	8.206	2.015	5.894	13.919
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:25:42	-7.188	393.755	393.755	232.814	564.074	4.688	144181.750	71.875	45.313
2	00:26:50	-291.094	351.567	318.754	253.127	559.386	1.563	144828.870	96.875	53.125
3	00:27:59	-492.344	339.067	353.129	214.064	540.635	0.000	144595.280	59.375	31.250
X		-263.542	361.463	355.213	233.335	554.698	2.083	144535.300	76.042	43.229
σ		243.749	28.656	37.544	19.537	12.402	2.387	327.703	19.094	11.085
%RSD		92.490	7.928	10.570	8.373	2.236	114.564	0.227	25.110	25.643
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:25:42	1.563	1.563	67.188	26.563	153.126	139.063	3653.592	6156.014	426047.230
2	00:26:50	1.563	1.563	31.250	12.500	129.688	120.313	3462.920	6193.530	427407.270
3	00:27:59	1.563	1.563	32.813	18.750	117.188	98.438	3494.177	6367.044	429553.020
X		1.563	1.563	43.750	19.271	133.334	119.271	3536.896	6238.862	427669.170
σ		0.000	0.000	20.313	7.046	18.244	20.333	102.263	112.582	1767.512
%RSD		0.000	0.000	46.429	36.562	13.683	17.047	2.891	1.805	0.413
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	00:25:42	460586.800	129.688	335.941	3998.997	3364.459	8435.302	393943.770	85016.284	
2	00:26:50	463134.400	68.750	193.751	3920.851	3448.854	8510.347	394552.420	85267.776	
3	00:27:59	461533.830	76.563	165.626	3800.506	3453.542	7969.410	393102.310	85267.776	
X		461751.670	91.667	231.773	3906.784	3422.285	8305.020	393866.170	85183.945	
σ		1287.694	33.158	91.302	99.991	50.134	293.059	728.159	145.199	
%RSD		0.279	36.172	39.393	2.559	1.465	3.529	0.185	0.170	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:33:38	13274.915	2.083	9890.923	765.646	103834780.000	10655617.000	1439707.300	1713763.500	582.824
2	00:34:46	13360.933	3.125	10284.951	734.394	103633130.000	10680682.000	1431862.400	1714633.300	696.892
3	00:35:54	13684.676	2.083	9840.888	801.585	103164580.000	10552719.000	1431177.700	1687000.100	667.203
X		13440.175	2.431	10005.587	767.208	103544160.000	10629673.000	1434249.200	1705132.300	648.973
σ		216.068	0.601	243.226	33.623	343847.980	67811.929	4739.303	15708.971	59.179
%RSD		1.608	24.744	2.431	4.382	0.332	0.638	0.330	0.921	9.119
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:33:38	1142017.700	1054.726	258227.000	590644.060	2065032.500	168808.700	2915970.100	51936.425	82.813
2	00:34:46	1152072.700	934.406	257994.730	602544.660	2078740.500	169316.220	2905911.200	52141.859	84.375
3	00:35:54	1129433.300	865.651	254921.550	599768.940	2057873.800	170748.740	2916275.400	51083.357	79.688
X		1141174.600	951.594	257047.760	597652.550	2067215.600	169624.550	2912718.900	51720.547	82.292
σ		11343.232	95.702	1845.013	6226.182	10603.216	1006.103	5897.585	561.301	2.387
%RSD		0.994	10.057	0.718	1.042	0.513	0.593	0.202	1.085	2.900
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:33:38	97335.156	3731.737	26308.578	2529.912	476.570	35786.956	10317.787	487.508	412.506
2	00:34:46	99471.672	3809.883	27316.717	2473.652	509.384	36357.143	10492.915	515.634	409.381
3	00:35:54	101100.230	3952.109	27900.657	2564.293	487.508	35039.795	10330.296	481.258	404.693
X		99302.354	3831.243	27175.317	2522.619	491.154	35727.965	10380.333	494.800	408.860
σ		1888.240	111.728	805.403	45.758	16.708	660.652	97.699	18.311	3.932
%RSD		1.902	2.916	2.964	1.814	3.402	1.849	0.941	3.701	0.962
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:33:38	501.571	240.627	1018.786	1773.027	321.879	321.879	392.714	153.647	17.708
2	00:34:46	484.383	221.877	1103.168	1757.400	412.506	412.506	378.130	183.335	20.313
3	00:35:54	495.321	260.940	998.472	1796.467	356.254	356.254	383.859	167.709	21.875
X		493.759	241.148	1040.142	1775.631	363.546	363.546	384.901	168.230	19.965
σ		8.700	19.537	55.519	19.663	45.752	45.752	7.347	14.851	2.105
%RSD		1.762	8.102	5.338	1.107	12.585	12.585	1.909	8.828	10.543
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:33:38	259.377	417.194	473.445	328.129	646.890	0.000	141729.270	87.500	50.000
2	00:34:46	264.065	389.068	437.507	312.503	710.955	1.563	143159.040	92.188	68.750
3	00:35:54	268.753	435.944	418.756	264.065	707.830	0.000	142278.440	68.750	54.688
X		264.065	414.069	443.236	301.566	688.558	0.521	142388.920	82.813	57.813
σ		4.688	23.594	27.791	33.403	36.120	0.902	721.262	12.402	9.758
%RSD		1.775	5.698	6.270	11.077	5.246	173.205	0.507	14.976	16.878
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:33:38	3.125	3.125	60.938	6.250	60.938	93.750	5138.424	9259.250	423943.830
2	00:34:46	0.000	0.000	70.313	6.250	75.000	107.813	5260.343	9174.820	419945.490
3	00:35:54	3.125	3.125	48.438	15.625	70.313	79.688	5043.078	9020.034	419253.730
X		2.083	2.083	59.896	9.375	68.750	93.750	5147.282	9151.368	421047.690
σ		1.804	1.804	10.975	5.413	7.160	14.063	108.903	121.320	2531.873
%RSD		86.603	86.603	18.323	57.735	10.415	15.000	2.116	1.326	0.601
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	00:33:38	455515.530	68.750	132.813	812.523	668.766	1661.034	385972.750	78059.559	
2	00:34:46	456778.340	57.813	192.189	765.646	684.391	1601.652	389041.840	79365.161	
3	00:35:54	456020.310	54.688	125.001	759.395	635.952	1603.215	392957.790	78851.390	
X		456104.730	60.417	150.001	779.188	663.036	1621.967	389324.130	78758.703	
σ		635.625	7.384	36.744	29.038	24.723	33.842	3501.068	657.717	
%RSD		0.139	12.222	24.496	3.727	3.729	2.086	0.899	0.835	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:41:34	14366.595	2.083	710.955	281.253	4427287.600	1043682.000	140599.440	167779.500	484.383
2	00:42:42	14554.285	3.125	643.765	279.690	4418130.100	1037413.300	139643.250	167901.230	467.195
3	00:43:50	14210.189	0.521	670.328	301.566	4450107.600	1049729.300	141123.310	170000.840	542.198
X		14377.023	1.910	675.016	287.503	4431841.700	1043608.200	140455.330	168560.520	497.925
σ		172.285	1.311	33.840	12.204	16468.001	6158.337	750.480	1248.836	39.292
%RSD		1.198	68.635	5.013	4.245	0.372	0.590	0.534	0.741	7.891
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:41:34	53258.467	804.710	27476.398	111741.560	244049.770	13185.770	219323.900	56475.474	7.813
2	00:42:42	53399.617	832.837	27859.952	109877.190	244596.500	13063.783	217520.070	55998.602	3.125
3	00:43:50	55162.547	857.838	28450.176	110491.270	246510.220	13604.913	222353.000	56053.505	4.688
X		53940.210	831.795	27928.842	110703.340	245052.160	13284.822	219732.330	56175.860	5.208
σ		1060.925	26.579	490.531	950.109	1291.969	283.838	2442.214	260.921	2.387
%RSD		1.967	3.195	1.756	0.858	0.527	2.137	1.111	0.464	45.826
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:41:34	22943.409	334.379	7104.891	2739.325	254.690	33536.193	1775.110	64.063	87.500
2	00:42:42	22320.549	395.318	7032.981	2775.269	257.815	33825.937	1734.480	60.938	65.625
3	00:43:50	21473.940	317.191	6682.813	2895.606	245.315	34150.144	1726.667	62.500	87.500
X		22245.966	348.963	6940.228	2803.400	252.606	33837.425	1745.419	62.500	80.209
σ		737.568	41.054	225.809	81.850	6.505	307.137	26.008	1.563	12.630
%RSD		3.316	11.765	3.254	2.920	2.575	0.908	1.490	2.500	15.746
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:41:34	235.939	126.563	135.938	255.731	78.125	78.125	166.147	31.771	18.750
2	00:42:42	245.315	112.500	109.375	273.440	79.688	79.688	147.917	32.292	20.313
3	00:43:50	234.377	126.563	139.063	275.003	75.000	75.000	160.418	28.125	17.188
X		238.544	121.876	128.126	268.058	77.604	77.604	158.161	30.729	18.750
σ		5.916	8.119	16.313	10.704	2.387	2.387	9.322	2.270	1.563
%RSD		2.480	6.662	12.732	3.993	3.076	3.076	5.894	7.388	8.333
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:41:34	12.500	12.500	14.063	14.063	32.813	3.125	162386.460	92.188	4.688
2	00:42:42	23.438	14.063	15.625	15.625	25.000	1.563	162950.640	65.625	3.125
3	00:43:50	14.063	15.625	17.188	20.313	29.688	3.125	163339.420	87.500	4.688
X		16.667	14.063	15.625	16.667	29.167	2.604	162892.180	81.771	4.167
σ		5.916	1.563	1.563	3.253	3.932	0.902	479.163	14.178	0.902
%RSD		35.493	11.111	10.000	19.516	13.482	34.641	0.294	17.338	21.651
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:41:34	0.000	0.000	3.125	0.000	71.875	26.563	357.817	648.452	441849.330
2	00:42:42	1.563	1.563	4.688	1.563	54.688	42.188	332.816	682.829	452411.370
3	00:43:50	0.000	0.000	0.000	0.000	46.875	34.375	379.693	643.765	444606.360
X		0.521	0.521	2.604	0.521	57.813	34.375	356.775	658.349	446289.020
σ		0.902	0.902	2.387	0.902	12.790	7.813	23.455	21.330	5478.386
%RSD		173.205	173.205	91.652	173.205	22.123	22.727	6.574	3.240	1.228
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	00:41:34	482006.010	10.938	26.563	107.813	84.375	232.814	424294.640	6911.046	
2	00:42:42	485737.060	28.125	48.438	87.500	103.125	218.752	429834.750	6914.173	
3	00:43:50	478655.510	15.625	46.875	96.875	87.500	203.126	423222.920	7007.968	
X		482132.860	18.229	40.625	97.396	91.667	218.231	425784.100	6944.396	
σ		3542.478	8.885	12.204	10.166	10.046	14.851	3548.651	55.078	
%RSD		0.735	48.739	30.039	10.438	10.959	6.805	0.833	0.793	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:49:30	14494.850	0.521	446.882	243.752	3303376.200	792584.560	105801.280	126227.090	498.446
2	00:50:38	14440.107	1.563	417.194	271.878	3393468.200	810410.840	107644.660	131631.790	479.696
3	00:51:46	15139.268	0.521	448.445	275.003	3422848.600	822370.530	109727.610	132672.600	503.134
X		14691.408	0.868	437.507	263.544	3373231.000	808455.310	107724.520	130177.160	493.759
σ		388.822	0.601	17.609	17.211	62254.074	14988.962	1964.381	3460.219	12.402
%RSD		2.647	69.282	4.025	6.531	1.846	1.854	1.824	2.658	2.512
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:49:30	50435.750	903.154	27694.005	101049.880	225801.780	11342.001	186932.270	57769.696	7.813
2	00:50:38	52640.558	906.279	27684.612	101326.830	225954.160	11437.389	190203.140	58348.604	4.688
3	00:51:46	52850.706	896.903	27859.952	101389.770	227819.380	11582.819	191872.110	59139.346	6.250
X		51975.671	902.112	27746.190	101255.490	226525.110	11454.070	189669.170	58419.215	6.250
σ		1337.744	4.774	98.633	180.828	1123.456	121.272	2512.840	687.550	1.563
%RSD		2.574	0.529	0.355	0.179	0.496	1.059	1.325	1.177	25.000
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:49:30	17951.897	354.692	5788.673	2826.842	209.377	34331.829	1581.338	29.688	43.750
2	00:50:38	17263.550	398.443	5624.545	2765.893	237.502	34654.482	1701.664	20.313	60.938
3	00:51:46	17321.432	343.754	5302.546	2969.059	240.627	34789.184	1706.352	32.813	59.375
X		17512.293	365.630	5571.921	2853.931	229.169	34591.831	1663.118	27.604	54.688
σ		381.807	28.939	247.299	104.257	17.211	235.026	70.863	6.505	9.504
%RSD		2.180	7.915	4.438	3.653	7.510	0.679	4.261	23.566	17.379
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:49:30	273.440	157.813	206.251	228.127	90.625	90.625	180.209	34.896	22.396
2	00:50:38	259.377	151.563	143.751	210.939	46.875	46.875	169.272	35.417	20.833
3	00:51:46	303.128	142.188	204.689	197.918	48.438	48.438	151.563	33.854	22.917
X		278.649	150.522	184.897	212.328	61.979	61.979	167.015	34.722	22.049
σ		22.336	7.864	35.642	15.152	24.820	24.820	14.456	0.796	1.084
%RSD		8.016	5.225	19.277	7.136	40.046	40.046	8.655	2.291	4.917
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:49:30	6.250	14.063	21.875	20.313	28.125	1.563	164305.090	103.125	26.563
2	00:50:38	6.250	18.750	29.688	18.750	25.000	3.125	166377.300	95.313	20.313
3	00:51:46	17.188	25.000	9.375	15.625	29.688	1.563	170029.300	89.063	18.750
X		9.896	19.271	20.313	18.229	27.604	2.083	166903.900	95.834	21.875
σ		6.315	5.487	10.246	2.387	2.387	0.902	2898.211	7.046	4.134
%RSD		63.812	28.475	50.442	13.093	8.646	43.301	1.736	7.352	18.898
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:49:30	1.563	1.563	17.188	1.563	59.375	28.125	162.501	301.566	443272.090
2	00:50:38	0.000	0.000	39.063	4.688	73.438	37.500	135.938	270.315	451329.510
3	00:51:46	0.000	0.000	10.938	3.125	75.000	34.375	157.813	257.815	456655.760
X		0.521	0.521	22.396	3.125	69.271	33.333	152.084	276.565	450419.120
σ		0.902	0.902	14.768	1.563	8.606	4.774	14.178	22.535	6738.122
%RSD		173.205	173.205	65.942	50.000	12.423	14.321	9.322	8.148	1.496
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	00:49:30	481180.430	20.313	59.375	196.876	170.314	409.381	426937.280	3575.447	
2	00:50:38	484392.540	26.563	71.875	221.877	164.063	432.819	434537.930	3466.045	
3	00:51:46	490146.390	17.188	37.500	217.189	203.126	423.444	439945.010	3505.117	
X		485239.790	21.354	56.250	211.981	179.168	421.881	433806.740	3515.537	
σ		4542.630	4.774	17.399	13.289	20.983	11.797	6534.623	55.440	
%RSD		0.936	22.354	30.932	6.269	11.711	2.796	1.506	1.577	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	00:57:27	14781.080	2.083	582.824	312.503	5029931.500	519066.800	68355.333	81731.572	867.214
2	00:58:35	14727.900	1.042	517.197	298.441	5040341.100	511578.950	68421.273	82319.308	918.780
3	00:59:43	14386.928	0.000	534.385	303.128	5011837.500	512528.290	68513.902	82734.194	959.407
X		14631.970	1.042	544.802	304.691	5027370.000	514391.350	68430.169	82261.691	915.134
σ		213.871	1.042	34.031	7.160	14423.411	4076.788	79.658	503.788	46.205
%RSD		1.462	100.000	6.247	2.350	0.287	0.793	0.116	0.612	5.049
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	00:57:27	53145.547	848.463	26959.790	97635.634	183405.750	8022.565	132003.950	58776.917	14.063
2	00:58:35	53797.982	868.776	26900.303	98302.685	183540.270	7988.170	134076.240	58922.829	17.188
3	00:59:43	53242.783	850.025	27058.414	98935.154	184714.640	8336.807	133375.980	57932.855	9.375
X		53395.438	855.755	26972.836	98291.157	183886.880	8115.847	133152.050	58544.200	13.542
σ		351.988	11.304	79.859	649.837	720.003	192.128	1054.136	534.444	3.932
%RSD		0.659	1.321	0.296	0.661	0.392	2.367	0.792	0.913	29.038
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	00:57:27	15849.412	454.695	5021.195	2844.033	193.751	34206.529	1482.890	37.500	48.438
2	00:58:35	15650.756	487.508	4858.639	2834.656	196.876	34020.147	1332.875	29.688	57.813
3	00:59:43	15608.522	457.820	5025.884	2733.074	176.564	33980.992	1312.560	32.813	43.750
X		15702.897	466.674	4968.572	2803.921	189.064	34069.223	1376.108	33.333	50.000
σ		128.631	18.110	95.234	61.534	10.938	120.512	93.031	3.932	7.160
%RSD		0.819	3.881	1.917	2.195	5.785	0.354	6.760	11.797	14.321
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	00:57:27	73.438	17.188	90.625	198.960	48.438	48.438	145.834	23.438	17.708
2	00:58:35	67.188	31.250	71.875	203.126	31.250	31.250	145.834	29.688	21.354
3	00:59:43	48.438	20.313	96.875	183.335	65.625	65.625	185.939	20.833	13.021
X		63.021	22.917	86.459	195.140	48.438	48.438	159.202	24.653	17.361
σ		13.010	7.384	13.010	10.434	17.188	17.188	23.154	4.550	4.178
%RSD		20.645	32.221	15.048	5.347	35.484	35.484	14.544	18.458	24.062
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	00:57:27	18.750	25.000	18.750	18.750	42.188	3.125	170034.040	115.625	7.813
2	00:58:35	17.188	17.188	20.313	25.000	18.750	1.563	169586.580	87.500	12.500
3	00:59:43	23.438	14.063	25.000	26.563	32.813	0.000	171246.840	90.625	7.813
X		19.792	18.750	21.354	23.438	31.250	1.563	170289.160	97.917	9.375
σ		3.253	5.634	3.253	4.134	11.797	1.563	859.024	15.415	2.706
%RSD		16.434	30.046	15.232	17.638	37.749	100.000	0.504	15.743	28.868
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	00:57:27	0.000	0.000	7.813	3.125	101.563	15.625	257.815	443.757	459178.470
2	00:58:35	0.000	0.000	1.563	0.000	70.313	18.750	225.002	429.694	457863.830
3	00:59:43	0.000	0.000	7.813	0.000	78.125	14.063	246.877	373.442	465611.430
X		0.000	0.000	5.729	1.042	83.334	16.146	243.231	415.631	460884.580
σ		0.000	0.000	3.608	1.804	16.263	2.387	16.708	37.207	4146.012
%RSD		0.000	0.000	62.984	173.205	19.516	14.783	6.869	8.952	0.900
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	00:57:27	496177.450	29.688	53.125	75.000	68.750	135.938	440109.340	3428.536	
2	00:58:35	501406.930	20.313	43.750	76.563	56.250	135.938	446311.430	3451.979	
3	00:59:43	495648.620	18.750	34.375	76.563	64.063	164.063	446722.420	3561.381	
X		497744.330	22.917	43.750	76.042	63.021	145.313	444381.060	3480.632	
σ		3182.903	5.916	9.375	0.902	6.315	16.238	3705.126	70.906	
%RSD		0.639	25.813	21.429	1.186	10.020	11.175	0.834	2.037	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:05:23	13963.071	1.042	7567.629	467.195	80926377.000	16908219.000	2291744.600	2721422.500	-140.560
2	01:06:32	14374.416	2.083	7536.362	445.319	80304902.000	16622685.000	2262955.200	2682676.600	393.755
3	01:07:40	14682.541	3.646	8019.438	412.506	81504307.000	17088843.000	2308550.000	2734695.300	389.068
X		14340.009	2.257	7707.810	441.674	80911862.000	16873249.000	2287749.900	2712931.500	214.088
σ		360.967	1.311	270.330	27.526	599834.030	235038.290	23058.395	27028.842	307.143
%RSD		2.517	58.076	3.507	6.232	0.741	1.393	1.008	0.996	143.466
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:05:23	1160560.800	695.329	294196.880	599475.760	2966808.700	266402.990	4382721.800	55580.534	73.438
2	01:06:32	1153300.400	757.833	289467.350	605845.580	2975891.800	249920.270	4276935.100	57147.748	75.000
3	01:07:40	1176409.900	750.020	297021.620	622860.620	3027774.800	271102.640	4393780.700	59770.492	78.125
X		1163423.700	734.394	293561.950	609393.990	2990158.400	262475.300	4351145.900	57499.591	75.521
σ		11817.728	34.056	3816.951	12089.511	32891.748	11123.994	64505.875	2117.022	2.387
%RSD		1.016	4.637	1.300	1.984	1.100	4.238	1.483	3.682	3.160
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:05:23	91053.315	2998.752	23067.046	2572.106	376.567	39170.816	15045.419	356.254	418.756
2	01:06:32	95018.073	3017.506	24807.458	2584.609	362.505	38880.964	14695.054	310.941	442.194
3	01:07:40	97696.989	2934.676	25552.520	2658.060	385.943	40577.860	15137.704	332.816	482.821
X		94589.459	2983.645	24475.674	2604.925	375.005	39543.213	14959.392	333.337	447.924
σ		3342.511	43.432	1275.522	46.439	11.797	907.675	233.527	22.661	32.414
%RSD		3.534	1.456	5.211	1.783	3.146	2.295	1.561	6.798	7.237
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:05:23	1645.407	862.526	628.139	1671.973	448.445	448.445	617.722	301.566	18.750
2	01:06:32	1706.352	887.528	618.763	1659.992	476.570	476.570	644.285	325.004	20.833
3	01:07:40	1675.098	856.276	626.576	1685.516	465.633	465.633	664.078	309.899	19.271
X		1675.619	868.776	624.493	1672.494	463.549	463.549	642.028	312.156	19.618
σ		30.476	16.537	5.023	12.770	14.178	14.178	23.260	11.881	1.084
%RSD		1.819	1.903	0.804	0.764	3.059	3.059	3.623	3.806	5.527
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:05:23	-172.500	270.315	284.378	198.439	459.382	3.125	137478.660	84.375	23.438
2	01:06:32	-150.938	275.003	273.440	195.314	439.069	3.125	143482.580	84.375	14.063
3	01:07:40	-643.281	289.065	303.128	179.689	429.694	4.688	146659.910	87.500	12.500
X		-322.240	278.128	286.982	191.147	442.715	3.646	142540.380	85.417	16.667
σ		278.239	9.758	15.014	10.046	15.176	0.902	4662.581	1.804	5.916
%RSD		86.345	3.508	5.232	5.255	3.428	24.744	3.271	2.112	35.493
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:05:23	0.000	0.000	12.500	6.250	100.000	71.875	4985.245	8849.615	405951.130
2	01:06:32	0.000	0.000	4.688	0.000	70.313	67.188	4907.093	8685.452	426864.850
3	01:07:40	0.000	0.000	9.375	0.000	75.000	67.188	5152.492	8757.371	431699.090
X		0.000	0.000	8.854	2.083	81.771	68.750	5014.943	8764.146	421505.020
σ		0.000	0.000	3.932	3.608	15.960	2.706	125.366	82.291	13685.218
%RSD		0.000	0.000	44.411	173.205	19.518	3.936	2.500	0.939	3.247
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	01:05:23	446899.710	21.875	64.063	1114.106	1001.598	2484.591	377257.010	89054.839	
2	01:06:32	464221.980	17.188	34.375	1090.667	968.783	2154.850	392259.300	88207.419	
3	01:07:40	467294.770	31.250	46.875	923.467	828.149	2040.771	397485.180	89337.848	
X		459472.150	23.438	48.438	1042.747	932.843	2226.737	389000.500	88866.702	
σ		10995.918	7.160	14.905	103.962	92.140	230.478	10500.456	588.230	
%RSD		2.393	30.551	30.772	9.970	9.877	10.350	2.699	0.662	

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04/30/2011 01:12:13 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:13:21	15337.917	3.125	7874.044	504.696	78741459.000	18289742.000	2483179.200	2936775.500	-13.015
2	01:14:29	14899.954	2.604	7792.750	600.013	77556249.000	17977390.000	2408392.300	2889511.000	496.884
3	01:15:37	14743.542	0.521	7681.752	528.135	77925344.000	17909806.000	2411633.900	2906796.300	450.007
x		14993.804	2.083	7782.849	544.281	78074351.000	18058980.000	2434401.800	2911027.600	311.292
σ		308.101	1.378	96.528	49.667	606492.180	202683.030	42273.536	23914.686	281.834
%RSD		2.055	66.144	1.240	9.125	0.777	1.122	1.737	0.822	90.537
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:13:21	1194202.200	735.956	266129.430	659272.430	3073624.900	291970.700	4772456.400	60460.533	89.063
2	01:14:29	1191190.700	740.644	261289.750	663639.700	3007782.900	288354.920	4683351.100	58823.146	90.625
3	01:15:37	1172196.300	751.582	260791.710	664775.080	2987717.600	284730.460	4658378.400	60074.578	75.000
x		1185863.100	742.728	262736.970	662562.400	3023041.800	288352.030	4704728.700	59786.086	84.896
σ		11931.199	8.019	2948.497	2905.208	44940.391	3620.117	59968.312	855.967	8.606
%RSD		1.006	1.080	1.122	0.438	1.487	1.255	1.275	1.432	10.137
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:13:21	100123.070	1001.598	26726.540	2378.323	376.567	39982.435	17850.208	359.380	481.258
2	01:14:29	104069.880	890.653	28003.983	2562.730	357.817	39665.930	17748.519	332.816	482.821
3	01:15:37	107090.520	1050.039	28985.626	2329.878	367.192	39440.306	17008.557	346.879	482.821
x		103761.160	980.763	27905.383	2423.643	367.192	39696.224	17535.761	346.358	482.300
σ		3493.967	81.710	1132.766	122.864	9.375	272.331	459.395	13.289	0.902
%RSD		3.367	8.331	4.059	5.069	2.553	0.686	2.620	3.837	0.187
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:13:21	1536.020	801.585	479.696	1689.683	443.757	443.757	628.139	309.378	19.792
2	01:14:29	1568.836	781.271	512.509	1691.246	503.134	503.134	611.471	321.879	15.625
3	01:15:37	1582.900	801.585	470.320	1758.442	492.196	492.196	613.034	314.587	18.750
x		1562.585	794.814	487.508	1713.124	479.696	479.696	617.548	315.281	18.056
σ		24.057	11.728	22.153	39.254	31.601	31.601	9.205	6.279	2.168
%RSD		1.540	1.476	4.544	2.291	6.588	6.588	1.491	1.992	12.010
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:13:21	-97.031	317.191	264.065	212.502	412.506	0.000	148129.650	92.188	21.875
2	01:14:29	-21.563	292.190	265.627	210.939	442.194	1.563	146230.540	93.750	14.063
3	01:15:37	201.250	289.065	298.441	164.063	384.380	6.250	146912.490	84.375	15.625
x		27.552	299.482	276.044	195.835	413.027	2.604	147090.890	90.104	17.188
σ		155.087	15.416	19.411	27.526	28.911	3.253	962.039	5.023	4.134
%RSD		562.888	5.147	7.032	14.056	7.000	124.900	0.654	5.574	24.052
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:13:21	0.000	0.000	6.250	6.250	59.375	42.188	5527.632	9634.498	429731.720
2	01:14:29	0.000	0.000	9.375	3.125	81.250	56.250	5321.303	9628.244	425907.200
3	01:15:37	1.563	1.563	9.375	3.125	73.438	50.000	5360.381	9653.260	426974.300
x		0.521	0.521	8.333	4.167	71.354	49.479	5403.105	9638.667	427537.740
σ		0.902	0.902	1.804	1.804	11.085	7.046	109.599	13.019	1973.531
%RSD		173.205	173.205	21.651	43.301	15.536	14.240	2.028	0.135	0.462
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	01:13:21	470271.340	18.750	37.500	882.840	803.148	2007.954	399075.480	84491.308	
2	01:14:29	462438.970	12.500	31.250	907.841	739.082	1909.503	394589.350	84436.297	
3	01:15:37	464723.850	12.500	39.063	904.716	759.395	1851.682	396078.150	83328.257	
x		465811.380	14.583	35.938	898.466	767.208	1923.046	396581.000	84085.287	
σ		4027.849	3.608	4.134	13.622	32.740	79.011	2284.947	656.184	
%RSD		0.865	24.744	11.503	1.516	4.267	4.109	0.576	0.780	

C1852-01X25 MF3T54 04/30/2011 01:20:10 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:21:18	15280.042	2.083	642.202	254.690	3961459.100	822495.240	109551.260	132494.390	534.385
2	01:22:26	15295.684	2.083	604.700	270.315	3972203.800	826460.590	110173.200	131964.520	567.199
3	01:23:34	15336.353	1.563	573.449	259.377	3945598.700	824681.530	110210.990	131918.790	560.949
X		15304.026	1.910	606.784	261.461	3959753.900	824545.790	109978.490	132125.900	554.177
σ		29.067	0.301	34.424	8.018	13384.282	1986.159	370.470	319.941	17.423
%RSD		0.190	15.746	5.673	3.067	0.338	0.241	0.337	0.242	3.144
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:21:18	56251.154	873.464	29766.918	109653.600	228609.980	11962.819	197863.960	59206.812	12.500
2	01:22:26	55118.627	853.150	29345.735	109215.890	227868.590	12036.318	196652.080	59530.026	12.500
3	01:23:34	55642.528	850.025	29095.223	108897.860	228897.340	12053.520	198241.000	60171.769	15.625
X		55670.770	858.880	29402.625	109255.780	228458.640	12017.553	197585.680	59636.202	13.542
σ		566.791	12.727	339.442	379.450	530.812	48.175	830.209	491.162	1.804
%RSD		1.018	1.482	1.154	0.347	0.232	0.401	0.420	0.824	13.323
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:21:18	22642.930	475.008	7315.935	2822.154	175.001	34320.865	1628.218	21.875	64.063
2	01:22:26	21225.131	456.257	6756.285	2784.646	285.940	33916.777	1675.098	25.000	46.875
3	01:23:34	20076.598	420.319	6554.628	2825.279	226.564	34641.951	1617.279	39.063	37.500
X		21314.886	450.528	6875.616	2810.693	229.169	34293.198	1640.198	28.646	49.479
σ		1285.519	27.791	394.433	22.611	55.515	363.378	30.715	9.155	13.471
%RSD		6.031	6.169	5.737	0.804	24.225	1.060	1.873	31.961	27.226
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:21:18	134.376	51.563	178.126	239.065	59.375	59.375	169.272	30.729	22.396
2	01:22:26	112.500	60.938	132.813	240.627	65.625	65.625	170.314	26.563	15.625
3	01:23:34	107.813	59.375	153.126	226.043	75.000	75.000	168.751	29.688	22.396
X		118.230	57.292	154.688	235.245	66.667	66.667	169.445	28.993	20.139
σ		14.178	5.023	22.697	8.007	7.864	7.864	0.796	2.168	3.909
%RSD		11.992	8.767	14.673	3.404	11.797	11.797	0.470	7.479	19.411
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:21:18	18.750	12.500	20.313	21.875	35.938	0.000	171833.510	81.250	6.250
2	01:22:26	20.313	20.313	17.188	12.500	43.750	1.563	172592.580	103.125	4.688
3	01:23:34	10.938	15.625	18.750	20.313	26.563	0.000	173546.210	117.188	6.250
X		16.667	16.146	18.750	18.229	35.417	0.521	172657.430	100.521	5.729
σ		5.023	3.932	1.563	5.023	8.606	0.902	858.192	18.110	0.902
%RSD		30.136	24.354	8.333	27.553	24.298	173.205	0.497	18.016	15.746
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:21:18	0.000	0.000	4.688	1.563	57.813	6.250	217.189	385.943	460288.350
2	01:22:26	1.563	1.563	1.563	4.688	48.438	9.375	234.377	385.943	459575.310
3	01:23:34	0.000	0.000	1.563	4.688	60.938	10.938	226.564	365.630	461872.640
X		0.521	0.521	2.604	3.646	55.729	8.854	226.043	379.172	460578.770
σ		0.902	0.902	1.804	1.804	6.505	2.387	8.606	11.728	1175.881
%RSD		173.205	173.205	69.282	49.487	11.673	26.956	3.807	3.093	0.255
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	01:21:18	497482.620	10.938	28.125	92.188	75.000	259.377	448419.680	3661.407	
2	01:22:26	500897.320	10.938	39.063	76.563	95.313	182.814	448630.850	3681.724	
3	01:23:34	502416.490	18.750	45.313	78.125	96.875	212.502	448501.890	3545.753	
X		500265.480	13.542	37.500	82.292	89.063	218.231	448517.470	3629.628	
σ		2526.891	4.511	8.700	8.606	12.204	38.602	106.441	73.345	
%RSD		0.505	33.309	23.199	10.457	13.702	17.689	0.024	2.021	

C1852-05X25 MF3T56 04/30/2011 01:28:08 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:29:16	15270.657	2.083	529.697	260.940	3842889.700	859634.160	115701.020	138794.410	518.759
2	01:30:24	15204.962	1.563	428.131	275.003	3780949.700	872899.510	116126.330	140528.430	462.507
3	01:31:32	15569.417	0.521	512.509	281.253	3814253.000	872107.970	117400.740	139488.630	532.822
X		15348.346	1.389	490.113	272.398	3812697.500	868213.880	116409.360	139603.820	504.696
σ		194.251	0.796	54.361	10.404	30999.291	7440.790	884.503	872.729	37.207
%RSD		1.266	57.282	11.092	3.819	0.813	0.857	0.760	0.625	7.372
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:29:16	55037.064	926.593	27667.391	102415.800	225800.200	12557.079	209718.780	59704.188	9.375
2	01:30:24	55592.333	857.838	27348.027	103020.130	228460.750	12771.331	211818.160	60589.152	7.813
3	01:31:32	55677.037	862.526	27925.705	102762.030	227305.030	12710.339	213740.220	60286.313	7.813
X		55435.478	882.319	27647.041	102732.650	227188.660	12679.583	211759.050	60193.218	8.333
σ		347.626	38.414	289.376	303.230	1334.088	110.388	2011.374	449.767	0.902
%RSD		0.627	4.354	1.047	0.295	0.587	0.871	0.950	0.747	10.825
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:29:16	17506.032	350.004	5591.719	2798.712	165.626	34786.051	1792.300	42.188	48.438
2	01:30:24	17318.303	309.378	5477.612	2817.465	171.876	35017.866	1862.621	21.875	31.250
3	01:31:32	17006.992	356.254	5522.942	2745.576	192.189	35094.617	1828.242	21.875	42.188
X		17277.109	338.546	5530.758	2787.251	176.564	34966.178	1827.721	28.646	40.625
σ		252.057	25.452	57.453	37.290	13.888	160.645	35.164	11.727	8.700
%RSD		1.459	7.518	1.039	1.338	7.866	0.459	1.924	40.939	21.415
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:29:16	106.250	56.250	60.938	202.606	65.625	65.625	168.230	28.646	20.833
2	01:30:24	110.938	50.000	68.750	193.230	75.000	75.000	169.793	38.542	21.875
3	01:31:32	96.875	42.188	64.063	182.293	70.313	70.313	169.272	33.854	18.229
X		104.688	49.479	64.583	192.710	70.313	70.313	169.098	33.681	20.313
σ		7.160	7.046	3.932	10.166	4.688	4.688	0.796	4.950	1.878
%RSD		6.840	14.240	6.089	5.276	6.667	6.667	0.470	14.698	9.245
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:29:16	17.188	18.750	14.063	12.500	17.188	3.125	173750.230	115.625	6.250
2	01:30:24	18.750	20.313	14.063	10.938	17.188	1.563	170570.060	98.438	6.250
3	01:31:32	15.625	10.938	12.500	12.500	23.438	1.563	171259.490	76.563	7.813
X		17.188	16.667	13.542	11.979	19.271	2.083	171859.930	96.875	6.771
σ		1.563	5.023	0.902	0.902	3.608	0.902	1672.951	19.578	0.902
%RSD		9.091	30.136	6.662	7.531	18.725	43.301	0.973	20.210	13.323
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:29:16	1.563	1.563	9.375	1.563	64.063	15.625	245.315	440.632	465590.450
2	01:30:24	0.000	0.000	7.813	0.000	46.875	20.313	226.564	431.257	465793.800
3	01:31:32	0.000	0.000	6.250	1.563	45.313	9.375	250.002	417.194	460017.320
X		0.521	0.521	7.813	1.042	52.083	15.104	240.627	429.694	463800.520
σ		0.902	0.902	1.563	0.902	10.404	5.487	12.402	11.797	3277.926
%RSD		173.205	173.205	20.000	86.603	19.975	36.330	5.154	2.745	0.707
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	01:29:16	499058.040	18.750	46.875	70.313	54.688	114.063	448846.850	3616.083	
2	01:30:24	497034.610	10.938	28.125	48.438	75.000	160.938	444640.200	3444.165	
3	01:31:32	500538.180	15.625	21.875	59.375	59.375	154.688	451560.060	3530.124	
X		498876.950	15.104	32.292	59.375	63.021	143.230	448349.040	3530.124	
σ		1758.792	3.932	13.010	10.938	10.636	25.452	3486.689	85.959	
%RSD		0.353	26.034	40.290	18.421	16.877	17.770	0.778	2.435	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:37:13	13858.281	22982.013	4444.441	306.253	17889253.000	12893377.000	1758758.100	2095935.400	2964557.600
2	01:38:21	13658.088	23646.116	4628.875	306.253	17792055.000	12745776.000	1743450.400	2099020.400	2944915.500
3	01:39:29	13343.729	23241.286	4807.059	271.878	17870516.000	12938737.000	1766285.000	2094333.500	2972520.000
x		13620.033	23289.805	4626.792	294.795	17850608.000	12859297.000	1756164.500	2096429.800	2960664.400
σ		259.378	334.700	181.318	19.847	51566.874	100894.000	11636.135	2382.247	14208.078
%RSD		1.904	1.437	3.919	6.732	0.289	0.785	0.663	0.114	0.480
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:37:13	26680.200	148634.850	15699.247	70420.013	8891410.700	44927.017	690177.270	52714.266	22242.302
2	01:38:21	25967.329	149583.740	16069.971	69597.245	8776073.000	45701.621	691172.110	53805.824	22514.603
3	01:39:29	26916.169	148947.460	16177.905	70756.042	8944041.400	46935.785	699508.860	51792.153	22447.310
x		26521.233	149055.350	15982.374	70257.766	8870508.400	45854.808	693619.410	52770.748	22401.405
σ		493.991	483.558	251.065	596.192	85912.930	1013.107	5124.609	1008.023	141.836
%RSD		1.863	0.324	1.571	0.849	0.969	2.209	0.739	1.910	0.633
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:37:13	350803.400	331522.950	44522.396	1280046.900	956299.300	21920564.000	539410.720	402714.560	87460.661
2	01:38:21	352966.650	332517.540	44462.836	1260390.400	953247.290	21763388.000	539519.710	400662.750	87007.909
3	01:39:29	358285.700	339982.380	45445.608	1286335.200	968446.810	22108907.000	544726.690	408010.120	88069.069
x		354018.580	334674.290	44810.280	1275590.800	959331.130	21930953.000	541219.040	403795.810	87512.546
σ		3850.468	4623.761	551.016	13534.246	8040.546	172993.940	3038.201	3791.148	532.479
%RSD		1.088	1.382	1.230	1.061	0.838	0.789	0.561	0.939	0.608
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:37:13	431654.010	214445.990	166024.800	63646.675	4116.218	4116.218	13649.747	5873.603	25.521
2	01:38:21	435774.760	211922.820	165082.730	63100.510	3983.368	3983.368	13623.681	5869.956	18.229
3	01:39:29	442606.610	213364.350	168492.500	63944.354	4211.558	4211.558	13623.159	5909.034	15.625
x		436678.460	213244.390	166533.340	63563.846	4103.715	4103.715	13632.196	5884.198	19.792
σ		5531.942	1265.857	1760.854	427.976	114.608	114.608	15.202	21.586	5.130
%RSD		1.267	0.594	1.057	0.673	2.793	2.793	0.112	0.367	25.918
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:37:13	78791.687	138718.680	149457.430	87823.816	229073.570	1.563	151663.310	9001.272	426203.340
2	01:38:21	77423.298	137409.250	149337.440	86033.283	225722.420	4.688	151641.200	9298.338	426238.750
3	01:39:29	79544.278	139801.030	150924.300	88292.316	232260.350	0.000	148371.200	9168.566	431998.570
x		78586.421	138642.990	149906.390	87383.138	229018.780	2.083	150558.570	9156.059	428146.890
σ		1075.286	1197.690	883.573	1192.248	3269.308	2.387	1894.353	148.927	3335.702
%RSD		1.368	0.864	0.589	1.364	1.428	114.564	1.258	1.627	0.779
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:37:13	7026.728	7026.728	424753.290	108701.050	293134.750	417997.400	371052.330	660657.710	423324.300
2	01:38:21	6834.447	6834.447	421531.820	108592.420	293220.860	416826.420	370390.160	663137.480	430385.330
3	01:39:29	6928.242	6928.242	423366.140	110266.100	297715.530	424470.050	379611.920	671075.250	420899.520
x		6929.806	6929.806	423217.080	109186.520	294690.380	419764.630	373684.800	664956.820	424869.720
σ		96.150	96.150	1615.897	936.519	2620.209	4116.867	5143.703	5441.855	4928.123
%RSD		1.387	1.387	0.382	0.858	0.889	0.981	1.376	0.818	1.160
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	01:37:13	459486.580	862943.110	2082165.200	689739.690	649659.200	1548110.200	405337.190	4079989.700	
2	01:38:21	465209.590	867094.450	2078692.700	691096.720	654958.770	1557950.200	407582.550	4085625.200	
3	01:39:29	456370.290	879402.740	2117309.300	707376.150	667126.280	1581251.300	401795.460	4159467.600	
x		460355.490	869813.430	2092722.400	696070.850	657248.090	1562437.200	404905.070	4108360.800	
σ		4483.252	8560.055	21363.550	9814.160	8955.749	17020.095	2917.640	44349.390	
%RSD		0.974	0.984	1.021	1.410	1.363	1.089	0.721	1.079	

CCB 04/30/2011 01:43:59 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:45:07	13867.665	7.813	103.125	259.377	117808.770	5254.091	776.584	875.027	1175.048
2	01:46:16	13967.763	8.333	114.063	215.627	116017.640	5063.397	742.207	898.466	1207.864
3	01:47:24	14135.115	8.333	90.625	228.127	116299.600	5599.535	723.456	903.154	1320.373
X		13990.181	8.160	102.605	234.377	116708.670	5305.674	747.415	892.215	1234.429
σ		135.127	0.301	11.728	22.535	963.088	271.765	26.944	15.069	76.218
%RSD		0.966	3.685	11.430	9.615	0.825	5.122	3.605	1.689	6.174
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:45:07	565.636	856.276	15775.893	70193.904	88962.076	29.688	798.460	55013.536	9.375
2	01:46:16	531.260	934.406	15699.247	70793.728	89163.325	28.125	781.271	55091.962	28.125
3	01:47:24	456.257	907.841	15869.747	71051.252	88219.996	20.313	768.771	55317.833	9.375
X		517.718	899.508	15781.629	70679.628	88781.799	26.042	782.834	55141.110	15.625
σ		55.933	39.726	85.395	439.915	496.832	5.023	14.906	157.990	10.825
%RSD		10.804	4.416	0.541	0.622	0.560	19.287	1.904	0.287	69.282
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:45:07	12405.384	387.505	4191.240	2969.059	382.818	35633.448	975.033	135.938	65.625
2	01:46:16	12410.076	379.693	4105.277	2969.059	426.569	35741.530	1028.162	148.438	54.688
3	01:47:24	11892.448	345.317	4108.403	3058.140	465.633	36281.952	1071.915	135.938	48.438
X		12235.969	370.838	4134.973	2998.752	425.006	35885.644	1025.037	140.105	56.250
σ		297.507	22.445	48.753	51.431	41.430	347.442	48.517	7.217	8.700
%RSD		2.431	6.052	1.179	1.715	9.748	0.968	4.733	5.151	15.466
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:45:07	195.314	78.125	79.688	101.042	23.438	23.438	134.896	16.667	26.563
2	01:46:16	165.626	71.875	59.375	144.792	34.375	34.375	135.417	19.271	22.917
3	01:47:24	206.251	64.063	85.938	116.146	34.375	34.375	148.438	18.229	16.667
X		189.064	71.354	75.000	120.660	30.729	30.729	139.584	18.056	22.049
σ		21.022	7.046	13.888	22.222	6.315	6.315	7.672	1.311	5.005
%RSD		11.119	9.874	18.517	18.417	20.550	20.550	5.497	7.259	22.698
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:45:07	57.813	121.876	114.063	56.250	145.313	1.563	162331.150	109.375	206.251
2	01:46:16	56.250	73.438	85.938	51.563	134.376	0.000	161722.750	90.625	184.376
3	01:47:24	39.063	71.875	78.125	45.313	120.313	1.563	162040.380	95.313	162.501
X		51.042	89.063	92.709	51.042	133.334	1.042	162031.430	98.438	184.376
σ		10.404	28.427	18.901	5.487	12.533	0.902	304.301	9.758	21.875
%RSD		20.383	31.918	20.388	10.751	9.399	86.603	0.188	9.913	11.864
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:45:07	1.563	1.563	196.876	25.000	357.817	528.135	148.438	215.627	444819.080
2	01:46:16	3.125	3.125	171.876	34.375	259.377	381.255	100.000	243.752	447649.200
3	01:47:24	3.125	3.125	146.876	25.000	264.065	318.754	121.876	203.126	445105.930
X		2.604	2.604	171.876	28.125	293.753	409.381	123.438	220.835	445858.070
σ		0.902	0.902	25.000	5.413	55.530	107.487	24.257	20.808	1557.782
%RSD		34.641	34.641	14.546	19.245	18.904	26.256	19.651	9.422	0.349
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	01:45:07	478721.740	509.384	1046.913	321.879	265.627	626.576	436628.370	1370.378	
2	01:46:16	480933.250	359.380	831.274	259.377	242.190	534.385	438702.990	1214.114	
3	01:47:24	477179.210	337.504	801.585	257.815	265.627	626.576	436873.180	1361.002	
X		478944.730	402.089	893.258	279.690	257.815	595.846	437401.510	1315.165	
σ		1886.929	93.562	133.895	36.545	13.532	53.227	1133.742	87.638	
%RSD		0.394	23.269	14.990	13.066	5.249	8.933	0.259	6.664	

C1852-02 MF3T61

04/30/2011 01:51:55 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	01:53:03	14243.034	7.292	9707.985	348.442	98810412.000	19899956.000	2665896.900	3168661.900	793.905
2	01:54:11	14233.650	3.125	10141.098	376.567	99366758.000	19932959.000	2684146.100	3180206.100	661.154
3	01:55:19	14329.058	5.729	10019.137	376.567	99036740.000	19936911.000	2697353.500	3209234.500	531.006
X		14268.581	5.382	9956.073	367.192	99071303.000	19923275.000	2682465.500	3186034.200	662.022
σ		52.584	2.105	223.337	16.238	279778.690	20291.810	15795.469	20904.769	131.452
%RSD		0.369	39.111	2.243	4.422	0.282	0.102	0.589	0.656	19.856
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	01:53:03	1013286.700	757.833	367440.440	635963.120	4022884.900	302806.480	4937357.900	58150.647	75.000
2	01:54:11	1019372.600	776.584	373606.690	657794.060	4093340.400	306043.630	4958938.000	59021.972	85.938
3	01:55:19	1012911.400	723.456	370479.940	657005.880	4064383.900	304190.940	4960464.300	58826.070	53.125
X		1015190.200	752.624	370509.020	650254.350	4060203.100	304347.020	4952253.400	58666.230	71.354
σ		3626.891	26.944	3083.227	12382.849	35413.328	1624.209	12922.400	457.125	16.707
%RSD		0.357	3.580	0.832	1.904	0.872	0.534	0.261	0.779	23.415
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	01:53:03	92886.938	857.838	25018.764	2695.567	929.718	45136.819	18103.651	350.004	603.138
2	01:54:11	96109.714	818.773	25946.980	2651.809	800.022	44708.914	18139.634	351.567	560.949
3	01:55:19	97788.235	920.342	26836.120	2598.674	785.959	44190.116	18277.310	321.879	571.886
X		95594.962	865.651	25933.954	2648.683	838.566	44678.617	18173.532	341.150	578.658
σ		2490.864	51.233	908.748	48.522	79.252	474.078	91.657	16.708	21.894
%RSD		2.606	5.918	3.504	1.832	9.451	1.061	0.504	4.897	3.784
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	01:53:03	1170.360	560.949	625.014	1609.466	553.136	553.136	1043.267	469.799	18.229
2	01:54:11	1120.356	543.760	654.702	1607.903	598.450	598.450	1116.710	479.696	14.063
3	01:55:19	1181.299	559.386	625.014	1575.608	578.137	578.137	1056.810	507.822	14.583
X		1157.339	554.698	634.910	1597.659	576.574	576.574	1072.263	485.772	15.625
σ		32.491	9.505	17.141	19.113	22.698	22.698	39.084	19.726	2.270
%RSD		2.807	1.713	2.700	1.196	3.937	3.937	3.645	4.061	14.530
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	01:53:03	222.813	315.628	270.315	198.439	395.318	1.563	142513.580	117.188	71.875
2	01:54:11	305.469	248.440	251.565	179.689	403.131	0.000	143616.730	82.813	48.438
3	01:55:19	-154.531	254.690	282.815	204.689	390.630	1.563	142059.080	84.375	34.375
X		124.583	272.919	268.232	194.272	396.360	1.042	142729.800	94.792	51.563
σ		245.228	37.119	15.729	13.011	6.315	0.902	801.017	19.411	18.944
%RSD		196.838	13.601	5.864	6.697	1.593	86.603	0.561	20.478	36.741
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	01:53:03	4.688	4.688	59.375	40.625	187.501	164.063	6021.581	10480.405	424840.190
2	01:54:11	4.688	4.688	53.125	17.188	192.189	196.876	5884.024	10108.262	428997.640
3	01:55:19	3.125	3.125	42.188	20.313	134.376	128.126	5882.461	10802.520	427692.170
X		4.167	4.167	51.563	26.042	171.355	163.022	5929.355	10463.729	427176.670
σ		0.902	0.902	8.700	12.726	32.111	34.387	79.874	347.429	2126.125
%RSD		21.651	21.651	16.872	48.867	18.739	21.094	1.347	3.320	0.498
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	01:53:03	457276.720	282.815	648.452	1164.110	1078.166	2673.688	393046.110	56604.107	
2	01:54:11	462285.690	146.876	375.005	1060.977	943.781	2259.554	394097.940	57236.306	
3	01:55:19	462656.790	123.438	307.816	925.030	820.336	2018.893	393444.350	57030.799	
X		460739.730	184.376	443.758	1050.039	947.428	2317.378	393529.470	56957.070	
σ		3004.790	86.052	180.426	119.915	128.953	331.205	531.054	322.484	
%RSD		0.652	46.672	40.659	11.420	13.611	14.292	0.135	0.566	

C1852-03 MF3T61D

04/30/2011 01:59:50 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:00:59	13797.285	3.646	9726.748	378.130	97663510.000	19878317.000	2697607.300	3228126.900	801.714
2	02:02:07	14186.728	2.083	9520.359	379.693	97991389.000	19754958.000	2669335.900	3192729.500	554.432
3	02:03:15	14274.315	6.250	9836.198	379.693	98709609.000	19745012.000	2698533.100	3197147.800	944.878
X		14086.109	3.993	9694.435	379.172	98121503.000	19792762.000	2688492.100	3206001.400	767.008
σ		253.934	2.105	160.380	0.902	535049.440	74259.158	16596.207	19288.180	197.523
%RSD		1.803	52.715	1.654	0.238	0.545	0.375	0.617	0.602	25.752
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:00:59	992417.190	796.897	359676.240	636815.480	4069056.700	306485.850	5007168.200	58831.918	64.063
2	02:02:07	995659.690	739.082	358381.810	640839.570	4019936.200	303306.500	4934372.300	58738.353	71.875
3	02:03:15	1004162.500	728.144	360285.050	644678.510	4056209.400	305219.890	4942669.400	60241.240	76.563
X		997413.120	754.707	359447.700	640777.850	4048400.800	305004.080	4961403.300	59270.504	70.834
σ		6065.795	36.944	971.982	3931.879	25474.232	1600.621	39850.134	841.983	6.315
%RSD		0.608	4.895	0.270	0.614	0.629	0.525	0.803	1.421	8.915
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:00:59	94107.387	842.212	24962.415	2606.488	775.021	43578.868	18092.700	310.941	600.013
2	02:02:07	97505.059	840.650	26786.026	2734.637	781.271	43314.002	17773.550	337.504	537.510
3	02:03:15	98283.806	915.654	26947.266	2762.767	754.707	44451.864	18091.135	326.566	567.199
X		96632.084	866.172	26231.903	2701.297	770.333	43781.578	17985.795	325.004	568.240
σ		2220.852	42.860	1102.360	83.303	13.889	595.400	183.812	13.350	31.264
%RSD		2.298	4.948	4.202	3.084	1.803	1.360	1.022	4.108	5.502
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:00:59	881.277	484.383	606.263	1637.594	575.012	575.012	1040.663	491.675	16.146
2	02:02:07	960.970	493.759	578.137	1607.382	575.012	575.012	1077.124	487.508	21.875
3	02:03:15	1021.912	496.884	534.385	1679.786	575.012	575.012	1027.120	468.758	21.354
X		954.720	491.675	572.928	1641.587	575.012	575.012	1048.302	482.647	19.792
σ		70.525	6.505	36.221	36.367	0.000	0.000	25.862	12.208	3.168
%RSD		7.387	1.323	6.322	2.215	0.000	0.000	2.467	2.529	16.007
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:00:59	406.094	237.502	254.690	168.751	364.067	1.563	141615.650	68.750	48.438
2	02:02:07	273.125	245.315	223.439	181.251	379.693	3.125	144985.130	93.750	57.813
3	02:03:15	132.969	232.814	207.814	156.251	379.693	1.563	147916.520	82.813	34.375
X		270.729	238.544	228.648	168.751	374.484	2.083	144839.100	81.771	46.875
σ		136.578	6.315	23.868	12.500	9.021	0.902	3152.972	12.533	11.797
%RSD		50.448	2.647	10.439	7.407	2.409	43.301	2.177	15.326	25.166
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:00:59	0.000	0.000	42.188	1.563	109.375	109.375	5913.724	10503.860	421480.340
2	02:02:07	1.563	1.563	34.375	6.250	87.500	126.563	5783.983	10580.479	433153.060
3	02:03:15	3.125	3.125	40.625	6.250	92.188	106.250	6105.992	10342.805	431649.180
X		1.563	1.563	39.063	4.688	96.354	114.063	5934.566	10475.715	428760.860
σ		1.563	1.563	4.134	2.706	11.517	10.938	162.013	121.311	6349.798
%RSD		100.000	100.000	10.583	57.735	11.953	9.589	2.730	1.158	1.481
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	02:00:59	460872.350	107.813	240.627	809.398	690.642	1904.815	393221.140	56947.655	
2	02:02:07	466518.440	75.000	190.626	867.214	723.456	1709.477	396163.280	56227.624	
3	02:03:15	470253.580	57.813	156.251	875.027	728.144	1745.419	400371.950	55934.289	
X		465881.460	80.209	195.835	850.546	714.080	1786.570	396585.460	56369.856	
σ		4722.940	25.404	42.429	35.849	20.433	103.967	3594.049	521.441	
%RSD		1.014	31.672	21.665	4.215	2.861	5.819	0.906	0.925	

C1852-04 MF3T61S

04/30/2011 02:07:46 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:08:54	14283.700	2090.257	10223.970	810.961	102353160.000	20750499.000	2792536.000	3341047.100	558029.650
2	02:10:02	14552.721	2144.953	9972.229	879.715	101239050.000	20658573.000	2790576.700	3332652.500	547034.710
3	02:11:10	14512.055	2102.238	10444.442	875.027	102164910.000	20994538.000	2815850.200	3356859.700	555023.220
x		14449.492	2112.483	10213.547	855.234	101919040.000	20801203.000	2799654.300	3343519.800	553362.520
σ		145.013	28.751	236.279	38.414	596359.160	173627.350	14060.205	12291.545	5682.482
%RSD		1.004	1.361	2.313	4.492	0.585	0.835	0.502	0.368	1.027
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:08:54	1016305.900	740.644	361768.720	719311.470	4154199.200	317301.400	5195417.300	57127.280	75.000
2	02:10:02	1007025.700	787.522	360799.350	735410.240	4112364.400	314549.820	5166031.500	60016.100	87.500
3	02:11:10	1013484.400	775.021	363832.650	746975.210	4150816.000	317113.530	5180067.400	59989.785	68.750
x		1012272.000	767.729	362133.570	733898.970	4139126.600	316321.580	5180505.400	59044.388	77.084
σ		4757.361	24.275	1549.217	13893.653	23238.329	1537.263	14697.822	1660.316	9.547
%RSD		0.470	3.162	0.428	1.893	0.561	0.486	0.284	2.812	12.385
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:08:54	427334.840	122115.010	44323.341	52207.724	453970.620	845956.900	38990.637	379048.830	78893.811
2	02:10:02	428807.690	121891.240	45723.054	51011.225	448967.750	825206.970	38545.682	372107.370	78846.677
3	02:11:10	430153.500	121664.320	46828.188	52325.340	453103.100	835462.410	40604.498	377957.990	79726.540
x		428765.340	121890.190	45624.861	51848.096	452013.820	835542.090	39380.272	376371.390	79155.676
σ		1409.809	225.350	1255.307	727.134	2673.401	10375.198	1083.302	3732.817	494.944
%RSD		0.329	0.185	2.751	1.402	0.591	1.242	2.751	0.992	0.625
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:08:54	98257.060	47897.349	76006.345	6814.125	729.706	729.706	1326.624	638.035	16.667
2	02:10:02	98434.840	47644.944	74606.809	6760.453	751.582	751.582	1257.868	569.803	20.833
3	02:11:10	98500.918	48021.201	75264.935	6723.457	725.018	725.018	1323.499	626.055	17.708
x		98397.606	47854.498	75292.696	6766.012	735.436	735.436	1302.664	611.298	18.403
σ		126.121	191.754	700.181	45.589	14.179	14.179	38.826	36.431	2.168
%RSD		0.128	0.401	0.930	0.674	1.928	1.928	2.980	5.960	11.783
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:08:54	-183.281	245.315	270.315	159.376	373.442	1.563	140209.700	978.158	37456.854
2	02:10:02	-168.906	285.940	270.315	203.126	307.816	1.563	144803.620	975.033	37207.767
3	02:11:10	7.188	268.753	228.127	176.564	354.692	1.563	145586.520	896.903	37674.613
x		-115.000	266.669	256.252	179.689	345.317	1.563	143533.280	950.032	37446.411
σ		106.061	20.393	24.357	22.042	33.803	0.000	2904.802	46.037	233.598
%RSD		92.227	7.647	9.505	12.267	9.789	0.000	2.024	4.846	0.624
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:08:54	614.076	614.076	36933.619	10306.842	106.250	79987.367	289175.590	508648.490	413886.520
2	02:10:02	643.765	643.765	36814.562	10286.515	82.813	79069.780	284756.900	507214.450	427405.660
3	02:11:10	668.766	668.766	36435.467	10061.354	110.938	79949.656	286178.640	512773.340	429071.690
x		642.202	642.202	36727.883	10218.237	100.000	79668.934	286703.710	509545.430	423454.620
σ		27.378	27.378	260.142	136.244	15.068	519.226	2255.656	2885.944	8327.986
%RSD		4.263	4.263	0.708	1.333	15.068	0.652	0.787	0.566	1.967
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	02:08:54	450641.090	79638.551	194434.540	28506.538	24491.288	60082.331	380093.220	57561.044	
2	02:10:02	467101.080	80001.508	192950.560	28702.242	24370.770	59744.983	393587.270	56870.788	
3	02:11:10	463633.000	80279.624	194328.420	28511.235	24514.766	60071.347	388717.560	57153.161	
x		460458.390	79973.228	193904.500	28573.339	24458.941	59966.220	387466.020	57194.998	
σ		8677.062	321.471	827.845	111.658	77.256	191.676	6833.529	347.025	
%RSD		1.884	0.402	0.427	0.391	0.316	0.320	1.764	0.607	

C1852-02LX5 MF3T61L 04/30/2011 02:15:42 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:16:50	14440.107	2.083	2531.474	276.565	21833593.000	4374973.400	597666.570	705525.410	673.453
2	02:17:58	14264.931	0.521	2540.851	264.065	21499478.000	4339091.800	594617.340	701819.720	618.763
3	02:19:07	13963.071	2.604	2378.323	293.753	21519768.000	4362033.900	593124.790	698608.560	662.515
X		14222.703	1.736	2483.549	278.128	21617613.000	4358699.700	595136.230	701984.570	651.577
σ		241.305	1.084	91.249	14.906	187318.900	18171.681	2314.927	3461.374	28.939
%RSD		1.697	62.450	3.674	5.359	0.867	0.417	0.389	0.493	4.441
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:16:50	219114.480	864.089	91191.694	201581.010	934601.900	62084.615	1027979.600	56086.446	12.500
2	02:17:58	218368.810	885.965	90329.995	200969.360	936740.040	61824.114	1029938.400	56257.429	25.000
3	02:19:07	217026.720	796.897	90436.919	199936.260	933643.760	61736.235	1023142.300	55368.027	25.000
X		218170.000	848.984	90652.869	200828.870	934995.230	61881.655	1027020.100	55903.967	20.833
σ		1057.983	46.415	469.688	831.324	1585.174	181.178	3498.144	471.946	7.217
%RSD		0.485	5.467	0.518	0.414	0.170	0.293	0.341	0.844	34.641
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:16:50	37060.510	475.008	11166.863	2770.581	360.942	33755.458	4824.252	85.938	168.751
2	02:17:58	36798.897	437.507	11209.083	2708.069	376.567	33794.613	5225.956	106.250	131.251
3	02:19:07	36198.930	475.008	10696.190	2658.060	318.754	33475.112	4727.345	76.563	190.626
X		36686.112	462.507	11024.045	2712.237	352.088	33675.061	4925.851	89.584	163.543
σ		441.724	21.651	284.715	56.376	29.907	174.264	264.377	15.176	30.029
%RSD		1.204	4.681	2.583	2.079	8.494	0.517	5.367	16.941	18.361
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:16:50	253.127	150.001	707.830	453.653	143.751	143.751	310.420	115.625	13.542
2	02:17:58	295.316	131.251	725.018	473.445	151.563	151.563	342.192	118.750	17.188
3	02:19:07	287.503	123.438	781.271	468.237	160.938	160.938	319.795	123.438	26.563
X		278.649	134.896	738.040	465.112	152.084	152.084	324.136	119.271	19.097
σ		22.445	13.652	38.413	10.260	8.606	8.606	16.324	3.932	6.717
%RSD		8.055	10.120	5.205	2.206	5.658	5.658	5.036	3.297	35.174
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:16:50	28.125	50.000	48.438	34.375	84.375	1.563	158685.850	98.438	4.688
2	02:17:58	40.625	48.438	62.500	54.688	85.938	1.563	159820.270	93.750	12.500
3	02:19:07	31.250	46.875	56.250	50.000	82.813	1.563	158480.460	103.125	10.938
X		33.333	48.438	55.729	46.354	84.375	1.563	158995.530	98.438	9.375
σ		6.505	1.563	7.046	10.636	1.563	0.000	721.590	4.688	4.134
%RSD		19.516	3.226	12.643	22.945	1.852	0.000	0.454	4.762	44.096
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:16:50	0.000	0.000	12.500	6.250	81.250	53.125	1267.244	2193.919	446095.460
2	02:17:58	0.000	0.000	7.813	3.125	81.250	45.313	1259.430	2240.801	447460.620
3	02:19:07	1.563	1.563	7.813	0.000	84.375	31.250	1203.176	2186.105	442646.900
X		0.521	0.521	9.375	3.125	82.292	43.229	1243.283	2206.941	445400.990
σ		0.902	0.902	2.706	3.125	1.804	11.085	34.953	29.582	2480.866
%RSD		173.205	173.205	28.868	100.000	2.192	25.643	2.811	1.340	0.557
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	02:16:50	483074.010	278.128	657.828	215.627	143.751	440.632	420441.000	11135.588	
2	02:17:58	487852.660	218.752	492.196	184.376	173.439	446.882	422819.040	11615.658	
3	02:19:07	479219.260	156.251	395.318	209.377	150.001	423.444	419007.610	11429.570	
X		483381.980	217.710	515.114	203.126	155.730	436.986	420755.880	11393.606	
σ		4324.933	60.945	132.747	16.536	15.651	12.137	1925.126	242.047	
%RSD		0.895	27.994	25.770	8.141	10.050	2.777	0.458	2.124	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:24:47	13121.648	3.125	7433.183	467.195	95892771.000	15824929.000	2135121.000	2547657.600	981.284
2	02:25:55	13134.160	3.125	7647.359	454.695	96718319.000	16062112.000	2166893.000	2563240.200	929.718
3	02:27:04	13257.711	3.646	7892.805	420.319	96276838.000	15928384.000	2150292.800	2558625.600	912.529
X		13171.173	3.299	7657.782	447.403	96295976.000	15938475.000	2150768.900	2556507.800	941.177
σ		75.205	0.301	229.988	24.274	413106.420	118913.090	15891.340	8004.260	35.781
%RSD		0.571	9.116	3.003	5.426	0.429	0.746	0.739	0.313	3.802
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:24:47	862601.500	785.959	367284.950	567086.500	3719002.700	264952.060	4361897.600	55475.273	62.500
2	02:25:55	863198.490	765.646	372019.180	580304.880	3732894.100	272183.620	4421875.800	56922.607	62.500
3	02:27:04	863533.480	748.457	369046.680	585283.180	3688717.200	267550.450	4402615.700	55627.316	54.688
X		863111.160	766.687	369450.270	577558.180	3713538.000	268228.710	4395463.000	56008.399	59.896
σ		472.087	18.773	2392.779	9404.151	22589.721	3663.182	30622.149	795.369	4.511
%RSD		0.055	2.449	0.648	1.628	0.608	1.366	0.697	1.420	7.531
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:24:47	86819.266	789.084	22915.239	2531.474	743.769	38984.370	16371.876	340.629	384.380
2	02:25:55	91238.869	732.831	24989.024	2534.600	678.141	39725.470	17144.657	315.628	390.630
3	02:27:04	93803.838	725.018	25929.761	2411.141	601.575	40356.923	16215.448	326.566	378.130
X		90620.658	748.978	24611.341	2492.405	674.495	39688.921	16577.327	327.608	384.380
σ		3533.086	34.952	1542.342	70.394	71.167	687.006	497.509	12.533	6.250
%RSD		3.899	4.667	6.267	2.824	10.551	1.731	3.001	3.826	1.626
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:24:47	748.457	360.942	590.637	1404.757	565.636	565.636	1017.224	464.591	20.313
2	02:25:55	746.895	378.130	637.514	1436.010	546.885	546.885	1025.558	501.050	19.792
3	02:27:04	670.328	353.129	629.701	1514.664	556.261	556.261	1031.808	496.363	13.542
X		721.893	364.067	619.284	1451.810	556.261	556.261	1024.863	487.335	17.882
σ		44.663	12.790	25.115	56.632	9.375	9.375	7.317	19.836	3.768
%RSD		6.187	3.513	4.055	3.901	1.685	1.685	0.714	4.070	21.070
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:24:47	-452.813	215.627	217.189	185.939	404.693	1.563	137254.640	68.750	23.438
2	02:25:55	-28.750	243.752	240.627	187.501	387.505	4.688	137159.990	75.000	20.313
3	02:27:04	82.656	287.503	264.065	181.251	390.630	1.563	137511.790	53.125	20.313
X		-132.969	248.961	240.627	184.897	394.276	2.604	137308.810	65.625	21.354
σ		282.538	36.220	23.438	3.253	9.156	1.804	182.045	11.267	1.804
%RSD		212.485	14.549	9.740	1.759	2.322	69.282	0.133	17.169	8.449
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:24:47	1.563	1.563	26.563	6.250	81.250	92.188	5068.086	9065.375	407707.920
2	02:25:55	1.563	1.563	14.063	1.563	71.875	64.063	5154.055	8909.027	409720.540
3	02:27:04	0.000	0.000	23.438	9.375	46.875	62.500	4975.866	8944.987	410511.520
X		1.042	1.042	21.354	5.729	66.667	72.917	5066.002	8973.130	409313.330
σ		0.902	0.902	6.505	3.932	17.770	16.707	89.112	81.885	1445.478
%RSD		86.603	86.603	30.463	68.635	26.654	22.913	1.759	0.913	0.353
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	02:24:47	441428.810	93.750	251.565	596.887	515.634	1226.615	378551.520	47773.497	
2	02:25:55	442535.720	85.938	210.939	535.948	467.195	1214.114	382090.770	48378.654	
3	02:27:04	445976.200	89.063	182.814	545.323	459.382	1159.422	380341.900	48776.880	
X		443313.580	89.584	215.106	559.386	480.737	1200.050	380328.060	48309.677	
σ		2371.390	3.932	34.564	32.814	30.473	35.736	1769.666	505.235	
%RSD		0.535	4.389	16.069	5.866	6.339	2.978	0.465	1.046	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:32:45	13334.345	2.083	631.264	235.939	4336661.000	857923.810	115078.840	138554.600	517.197
2	02:33:53	13418.799	2.604	571.886	254.690	4369118.400	866450.090	116195.640	139289.830	492.196
3	02:35:00	13115.393	1.563	568.761	223.439	4464875.000	890753.780	118667.390	143881.880	560.949
X		13289.512	2.083	590.637	238.023	4390218.100	871709.230	116647.290	140575.440	523.447
σ		156.593	0.521	35.218	15.729	66660.386	17035.130	1836.416	2886.963	34.800
%RSD		1.178	25.000	5.963	6.608	1.518	1.954	1.574	2.054	6.648
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:32:45	41284.568	812.523	29647.921	106567.880	262691.680	12475.758	201525.550	54219.885	9.375
2	02:33:53	42096.307	845.338	30125.481	104320.130	259633.400	12198.956	204473.240	54481.817	10.938
3	02:35:00	43274.821	854.713	30101.994	104521.600	264279.940	12578.973	209840.860	52885.209	15.625
X		42218.565	837.525	29958.465	105136.540	262201.670	12417.896	205279.880	53862.304	11.979
σ		1000.743	22.154	269.196	1243.667	2361.710	196.505	4215.937	856.264	3.253
%RSD		2.370	2.645	0.899	1.183	0.901	1.582	2.054	1.590	27.152
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:32:45	22492.693	304.691	7401.917	2734.637	200.001	32148.633	1503.204	12.500	40.625
2	02:33:53	21614.777	348.442	7098.638	2664.311	209.377	32352.217	1507.892	17.188	54.688
3	02:35:00	21160.973	331.254	6818.815	2739.325	220.314	31963.844	1498.516	20.313	70.313
X		21756.148	328.129	7106.457	2712.758	209.897	32154.898	1503.204	16.667	55.208
σ		677.022	22.042	291.630	42.021	10.166	194.262	4.688	3.932	14.851
%RSD		3.112	6.718	4.104	1.549	4.844	0.604	0.312	23.593	26.899
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:32:45	92.188	45.313	125.001	244.794	98.438	98.438	177.605	41.667	23.958
2	02:33:53	65.625	46.875	85.938	218.752	81.250	81.250	182.814	39.063	18.229
3	02:35:00	84.375	39.063	71.875	228.648	90.625	90.625	188.543	36.458	27.083
X		80.729	43.750	94.271	230.731	90.104	90.104	182.987	39.063	23.090
σ		13.651	4.134	27.526	13.145	8.606	8.606	5.471	2.604	4.490
%RSD		16.910	9.449	29.198	5.697	9.551	9.551	2.990	6.667	19.447
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:32:45	9.375	32.813	10.938	10.938	17.188	3.125	157993.870	75.000	1.563
2	02:33:53	7.813	4.688	29.688	7.813	21.875	1.563	158829.620	96.875	10.938
3	02:35:00	12.500	10.938	15.625	12.500	20.313	3.125	154929.330	71.875	1.563
X		9.896	16.146	18.750	10.417	19.792	2.604	157250.940	81.250	4.688
σ		2.387	14.768	9.758	2.387	2.387	0.902	2053.541	13.622	5.413
%RSD		24.119	91.467	52.042	22.913	12.059	34.641	1.306	16.765	115.470
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:32:45	0.000	0.000	3.125	1.563	64.063	20.313	257.815	450.007	438279.350
2	02:33:53	1.563	1.563	10.938	1.563	68.750	10.938	242.190	492.196	439907.960
3	02:35:00	0.000	0.000	3.125	0.000	50.000	17.188	257.815	440.632	430754.010
X		0.521	0.521	5.729	1.042	60.938	16.146	252.606	460.945	436313.770
σ		0.902	0.902	4.511	0.902	9.758	4.774	9.021	27.467	4883.269
%RSD		173.205	173.205	78.730	86.603	16.013	29.565	3.571	5.959	1.119
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	02:32:45	476055.130	43.750	143.751	98.438	87.500	193.751	423543.140	2297.060	
2	02:33:53	477458.630	56.250	118.750	115.625	78.125	171.876	428049.510	2211.109	
3	02:35:00	465666.300	53.125	114.063	84.375	84.375	195.314	420410.430	2453.336	
X		473060.020	51.042	125.521	99.480	83.334	186.980	424001.030	2320.501	
σ		6441.486	6.505	15.960	15.651	4.774	13.104	3840.071	122.803	
%RSD		1.362	12.745	12.715	15.733	5.728	7.008	0.906	5.292	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:40:42	13478.230	1.042	464.070	239.065	4483589.100	893718.890	119127.450	142024.370	468.758
2	02:41:50	13431.311	0.000	528.135	243.752	4502944.800	900137.780	118916.320	143558.330	453.132
3	02:42:58	13146.671	2.604	523.447	276.565	4551129.600	913807.810	122964.440	146461.010	537.510
X		13352.071	1.215	505.217	253.127	4512554.500	902554.830	120336.070	144014.570	486.467
σ		179.421	1.311	35.712	20.433	34780.577	10260.251	2278.682	2253.236	44.890
%RSD		1.344	107.855	7.069	8.072	0.771	1.137	1.894	1.565	9.228
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:40:42	43030.334	854.713	29593.120	100571.520	263403.030	12837.015	209339.840	55446.455	18.750
2	02:41:50	43585.137	807.835	29051.384	99391.429	266551.250	12751.001	212947.260	55137.450	7.813
3	02:42:58	44240.271	901.591	29931.323	100813.840	267253.250	13148.235	215867.160	54091.274	12.500
X		43618.581	854.713	29525.276	100258.930	265735.840	12912.084	212718.090	54891.726	13.021
σ		605.662	46.878	443.875	760.986	2050.537	208.986	3269.688	710.221	5.487
%RSD		1.389	5.485	1.503	0.759	0.772	1.619	1.537	1.294	42.143
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:40:42	17986.316	332.816	6007.513	2831.531	200.001	32444.614	1520.393	34.375	43.750
2	02:41:50	17736.003	345.317	5635.486	2848.722	203.126	32161.161	1581.338	21.875	53.125
3	02:42:58	17559.222	323.441	5729.274	2787.772	214.064	31628.724	1520.393	31.250	51.563
X		17760.514	333.858	5790.758	2822.675	205.731	32078.166	1540.708	29.167	49.479
σ		214.599	10.975	193.484	31.425	7.384	414.228	35.186	6.505	5.023
%RSD		1.208	3.287	3.341	1.113	3.589	1.291	2.284	22.304	10.151
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:40:42	73.438	34.375	71.875	225.002	78.125	78.125	180.730	38.542	21.354
2	02:41:50	95.313	26.563	70.313	209.377	81.250	81.250	184.897	35.417	17.188
3	02:42:58	56.250	51.563	93.750	186.980	79.688	79.688	177.605	40.625	21.875
X		75.000	37.500	78.646	207.120	79.688	79.688	181.078	38.194	20.139
σ		19.578	12.790	13.104	19.111	1.563	1.563	3.658	2.621	2.569
%RSD		26.104	34.106	16.662	9.227	1.961	1.961	2.020	6.863	12.757
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:40:42	21.875	9.375	14.063	14.063	25.000	0.000	162192.080	96.875	7.813
2	02:41:50	18.750	15.625	10.938	14.063	12.500	0.000	162843.180	81.250	9.375
3	02:42:58	20.313	15.625	10.938	9.375	20.313	4.688	159259.370	85.938	4.688
X		20.313	13.542	11.979	12.500	19.271	1.563	161431.540	88.021	7.292
σ		1.563	3.608	1.804	2.706	6.315	2.706	1909.122	8.018	2.387
%RSD		7.692	26.647	15.061	21.651	32.769	173.205	1.183	9.109	32.733
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:40:42	0.000	0.000	6.250	7.813	56.250	15.625	281.253	448.445	451419.800
2	02:41:50	0.000	0.000	3.125	0.000	54.688	20.313	275.003	464.070	452311.410
3	02:42:58	0.000	0.000	15.625	4.688	67.188	25.000	225.002	535.948	441288.640
X		0.000	0.000	8.333	4.167	59.375	20.313	260.419	482.821	448339.950
σ		0.000	0.000	6.505	3.932	6.811	4.688	30.831	46.668	6122.861
%RSD		0.000	0.000	78.062	94.373	11.471	23.077	11.839	9.666	1.366
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	02:40:42	487049.380	53.125	103.125	62.500	71.875	175.001	437933.030	2272.056	
2	02:41:50	489157.090	39.063	89.063	84.375	62.500	170.314	438013.570	2414.267	
3	02:42:58	475354.230	35.938	100.000	67.188	71.875	162.501	432278.730	2401.764	
X		483853.560	42.708	97.396	71.354	68.750	169.272	436075.110	2362.695	
σ		7435.698	9.155	7.384	11.517	5.413	6.315	3288.006	78.745	
%RSD		1.537	21.437	7.582	16.141	7.873	3.731	0.754	3.333	

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04/30/2011 02:47:31 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:48:39	13381.264	86.459	506.259	264.065	4543911.000	912858.470	121398.000	145463.400	24738.589
2	02:49:48	13748.800	86.979	481.258	246.877	4515561.800	903856.250	120739.330	143986.040	24973.372
3	02:50:56	13928.662	88.542	487.508	284.378	4453469.700	900774.060	121253.030	143765.080	24348.858
X		13686.242	87.327	491.675	265.107	4504314.200	905829.590	121130.120	144404.840	24686.939
σ		279.009	1.084	13.011	18.772	46257.834	6279.232	346.110	923.369	315.445
%RSD		2.039	1.242	2.646	7.081	1.027	0.693	0.286	0.639	1.278
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:48:39	43929.941	781.271	29517.964	102330.820	263866.150	13196.718	214704.520	53492.150	7.813
2	02:49:48	43726.192	904.716	29538.319	102047.560	264969.100	12749.437	213102.680	54547.692	9.375
3	02:50:56	43415.873	746.895	29496.044	103020.130	263091.110	12546.132	210486.190	55742.918	12.500
X		43690.668	810.961	29517.442	102466.170	263975.450	12830.762	212764.460	54594.253	9.896
σ		258.869	82.994	21.142	500.211	943.751	332.830	2129.407	1126.106	2.387
%RSD		0.593	10.234	0.072	0.488	0.358	2.594	1.001	2.063	24.119
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:48:39	30737.720	5698.011	6279.505	4786.739	19622.843	66430.660	2484.591	16633.115	3611.394
2	02:49:48	30383.839	5580.777	6145.071	4738.286	19203.523	66739.909	2278.307	16265.505	3500.429
3	02:50:56	29870.258	5460.418	6049.718	4966.488	19611.890	66017.816	2392.388	16210.755	3506.680
X		30330.606	5579.736	6158.098	4830.504	19479.419	66396.128	2385.095	16369.791	3539.501
σ		436.174	118.800	115.446	120.232	238.995	362.283	103.335	229.682	62.339
%RSD		1.438	2.129	1.875	2.489	1.227	0.546	4.333	1.403	1.761
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:48:39	4386.611	2082.964	3561.381	423.444	70.313	70.313	207.814	46.354	15.625
2	02:49:48	4561.666	2195.481	3476.986	401.047	67.188	67.188	195.314	42.188	23.958
3	02:50:56	4525.717	2147.036	3451.979	378.130	62.500	62.500	205.731	41.667	20.313
X		4491.331	2141.827	3496.782	400.874	66.667	66.667	202.953	43.403	19.965
σ		92.454	56.439	57.325	22.657	3.932	3.932	6.697	2.569	4.178
%RSD		2.059	2.635	1.639	5.652	5.898	5.898	3.300	5.919	20.924
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:48:39	9.375	14.063	14.063	18.750	20.313	1.563	158605.270	131.251	1695.413
2	02:49:48	23.438	15.625	18.750	14.063	10.938	0.000	159559.560	121.876	1726.667
3	02:50:56	15.625	10.938	25.000	15.625	15.625	1.563	161640.570	143.751	1740.731
X		16.146	13.542	19.271	16.146	15.625	1.042	159935.140	132.292	1720.937
σ		7.046	2.387	5.487	2.387	4.688	0.902	1552.113	10.975	23.196
%RSD		43.638	17.625	28.475	14.783	30.000	86.603	0.970	8.296	1.348
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:48:39	32.813	32.813	1682.912	406.256	79.688	3423.848	12732.234	21822.906	433278.660
2	02:49:48	28.125	28.125	1639.157	420.319	67.188	3369.147	12527.365	22326.808	441322.480
3	02:50:56	42.188	42.188	1692.288	429.694	62.500	3580.136	12444.480	22331.503	447810.390
X		34.375	34.375	1671.452	418.756	69.792	3457.710	12568.027	22160.406	440803.840
σ		7.160	7.160	28.359	11.797	8.885	109.495	148.123	292.293	7279.731
%RSD		20.830	20.830	1.697	2.817	12.730	3.167	1.179	1.319	1.651
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	02:48:39	467528.800	3433.225	8525.981	1314.123	1156.297	2675.251	427730.800	2356.444	
2	02:49:48	477448.940	3594.202	8522.854	1264.118	1118.794	2722.134	434605.570	2358.007	
3	02:50:56	485767.770	3573.885	8438.429	1226.615	1150.046	2636.181	435726.450	2431.457	
X		476915.170	3533.771	8495.755	1268.286	1141.712	2677.855	432687.610	2381.969	
σ		9131.190	87.666	49.670	43.902	20.093	43.036	4329.146	42.865	
%RSD		1.915	2.481	0.585	3.462	1.760	1.607	1.001	1.800	

C1852-02LX125 MF3T61L 04/30/2011 02:55:29 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	02:56:38	13481.358	0.521	187.501	271.878	1032198.900	185577.270	25195.637	30612.452	582.824
2	02:57:46	13936.482	3.125	159.376	240.627	1002699.300	180785.160	24461.550	29705.853	620.326
3	02:58:54	13920.842	2.604	157.813	259.377	990605.520	177856.550	24099.999	28995.020	540.635
X		13779.561	2.083	168.230	257.294	1008501.200	181406.330	24585.728	29771.108	581.262
σ		258.369	1.378	16.708	15.729	21395.074	3897.660	558.275	810.688	39.868
%RSD		1.875	66.144	9.931	6.113	2.121	2.149	2.271	2.723	6.859
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	02:56:38	9903.432	787.522	19169.102	81051.150	128153.500	2700.255	44556.878	53421.574	6.250
2	02:57:46	9365.569	820.336	18925.027	80922.297	126479.300	2515.847	43193.325	55421.358	12.500
3	02:58:54	9393.712	821.899	19295.835	82148.013	126009.550	2658.060	42489.657	55192.349	15.625
X		9554.238	809.919	19129.988	81373.820	126880.790	2624.720	43413.286	54678.427	11.458
σ		302.738	19.412	188.473	673.559	1126.950	96.619	1051.018	1094.473	4.774
%RSD		3.169	2.397	0.985	0.828	0.888	3.681	2.421	2.002	41.660
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	02:56:38	13135.724	315.628	4353.788	2812.777	242.190	34234.721	984.409	37.500	40.625
2	02:57:46	12741.617	320.316	4302.210	2653.371	182.814	34443.034	1081.291	32.813	42.188
3	02:58:54	12410.076	264.065	4220.936	2634.618	165.626	34652.915	1021.912	26.563	39.063
X		12762.472	300.003	4292.311	2700.255	196.876	34443.557	1029.204	32.292	40.625
σ		363.273	31.212	66.977	97.897	40.172	209.097	48.851	5.487	1.563
%RSD		2.846	10.404	1.560	3.625	20.405	0.607	4.746	16.993	3.846
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	02:56:38	48.438	32.813	62.500	133.334	40.625	40.625	165.105	26.563	26.563
2	02:57:46	57.813	17.188	71.875	121.355	37.500	37.500	145.834	21.875	13.542
3	02:58:54	57.813	12.500	43.750	121.876	42.188	42.188	170.314	25.000	19.792
X		54.688	20.833	59.375	125.521	40.104	40.104	160.418	24.479	19.965
σ		5.413	10.636	14.321	6.771	2.387	2.387	12.895	2.387	6.512
%RSD		9.897	51.051	24.119	5.394	5.951	5.951	8.039	9.750	32.617
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	02:56:38	6.250	6.250	9.375	7.813	3.125	4.688	157252.950	93.750	17.188
2	02:57:46	10.938	6.250	3.125	9.375	10.938	0.000	160705.110	85.938	9.375
3	02:58:54	6.250	6.250	3.125	9.375	10.938	0.000	162016.670	95.313	1.563
X		7.813	6.250	5.208	8.854	8.333	1.563	159991.580	91.667	9.375
σ		2.706	0.000	3.608	0.902	4.511	2.706	2460.715	5.023	7.813
%RSD		34.641	0.000	69.282	10.189	54.127	173.205	1.538	5.479	83.333
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	02:56:38	0.000	0.000	12.500	0.000	48.438	18.750	81.250	148.438	426869.680
2	02:57:46	0.000	0.000	9.375	0.000	50.000	21.875	70.313	110.938	441963.720
3	02:58:54	0.000	0.000	4.688	3.125	48.438	14.063	70.313	120.313	438479.090
X		0.000	0.000	8.854	1.042	48.958	18.229	73.959	126.563	435770.830
σ		0.000	0.000	3.932	1.804	0.902	3.932	6.315	19.516	7903.074
%RSD		0.000	0.000	44.411	173.205	1.843	21.571	8.538	15.420	1.814
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	02:56:38	462761.670	67.188	135.938	64.063	31.250	78.125	426114.820	485.946	
2	02:57:46	475830.640	37.500	120.313	35.938	48.438	106.250	433470.280	503.134	
3	02:58:54	479678.030	46.875	114.063	43.750	35.938	73.438	436710.510	492.196	
X		472756.780	50.521	123.438	47.917	38.542	85.938	432098.540	493.759	
σ		8867.202	15.176	11.267	14.518	8.885	17.747	5429.402	8.700	
%RSD		1.876	30.039	9.128	30.299	23.052	20.651	1.257	1.762	

C1852-06X25 MF3T66 04/30/2011 03:03:28 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:04:36	13382.828	1.042	393.755	215.627	4328290.000	714738.410	94404.651	113686.510	498.446
2	03:05:44	13715.956	2.604	382.818	229.689	4375973.400	722465.510	95494.672	114199.950	454.695
3	03:06:52	13719.084	1.042	400.006	253.127	4403196.400	722712.390	94486.439	114209.400	442.194
X		13605.956	1.563	392.193	232.814	4369153.300	719972.100	94795.254	114031.950	465.112
σ		193.241	0.902	8.700	18.945	37916.048	4534.189	607.093	299.203	29.537
%RSD		1.420	57.735	2.218	8.137	0.868	0.630	0.640	0.262	6.351
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:04:36	37420.822	889.090	30504.408	94285.116	245586.710	11254.431	183383.590	54362.614	3.125
2	03:05:44	38216.675	804.710	30584.266	95672.418	247408.360	11592.201	185081.840	54979.029	18.750
3	03:06:52	38370.210	820.336	30617.149	96298.479	247147.660	11499.939	186134.450	54986.871	10.938
X		38002.569	838.045	30568.608	95418.671	246714.240	11448.857	184866.630	54776.171	10.938
σ		509.623	44.891	57.979	1030.388	985.136	174.583	1388.001	358.173	7.813
%RSD		1.341	5.357	0.190	1.080	0.399	1.525	0.751	0.654	71.429
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:04:36	14671.593	259.377	4606.993	2686.190	184.376	32732.770	1454.762	26.563	32.813
2	03:05:44	14149.191	304.691	4628.875	2672.125	204.689	32865.887	1598.527	23.438	40.625
3	03:06:52	14347.826	268.753	4467.886	2704.944	159.376	32554.238	1706.352	20.313	51.563
X		14389.537	277.607	4567.918	2687.753	182.814	32717.632	1586.547	23.438	41.667
σ		263.687	23.919	87.318	16.465	22.697	156.375	126.222	3.125	9.418
%RSD		1.832	8.616	1.912	0.613	12.415	0.478	7.956	13.333	22.604
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:04:36	81.250	31.250	68.750	170.834	42.188	42.188	179.168	32.292	21.875
2	03:05:44	81.250	32.813	81.250	157.293	57.813	57.813	185.418	38.542	22.917
3	03:06:52	79.688	28.125	67.188	156.251	62.500	62.500	173.439	35.938	17.708
X		80.729	30.729	72.396	161.459	54.167	54.167	179.341	35.590	20.833
σ		0.902	2.387	7.708	8.136	10.636	10.636	5.992	3.139	2.756
%RSD		1.117	7.767	10.647	5.039	19.635	19.635	3.341	8.821	13.229
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:04:36	12.500	6.250	14.063	12.500	17.188	1.563	158589.480	126.563	6.250
2	03:05:44	7.813	17.188	25.000	17.188	12.500	1.563	160453.870	90.625	3.125
3	03:06:52	12.500	9.375	15.625	7.813	15.625	0.000	161493.610	89.063	6.250
X		10.938	10.938	18.229	12.500	15.104	1.042	160178.990	102.084	5.208
σ		2.706	5.634	5.916	4.688	2.387	0.902	1471.454	21.214	1.804
%RSD		24.744	51.508	32.451	37.500	15.802	86.603	0.919	20.781	34.641
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:04:36	0.000	0.000	4.688	0.000	54.688	9.375	198.439	431.257	439353.790
2	03:05:44	0.000	0.000	3.125	0.000	43.750	15.625	217.189	476.570	439110.550
3	03:06:52	0.000	0.000	3.125	3.125	56.250	20.313	207.814	387.505	445230.020
X		0.000	0.000	3.646	1.042	51.563	15.104	207.814	431.777	441231.450
σ		0.000	0.000	0.902	1.804	6.811	5.487	9.375	44.535	3464.997
%RSD		0.000	0.000	24.744	173.205	13.209	36.330	4.511	10.314	0.785
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	03:04:36	473521.410	48.438	92.188	42.188	37.500	96.875	427473.270	2029.832	
2	03:05:44	473763.620	40.625	81.250	51.563	25.000	117.188	428390.770	2093.903	
3	03:06:52	481669.960	31.250	84.375	46.875	35.938	120.313	434093.470	2045.459	
X		476318.330	40.104	85.938	46.875	32.813	111.459	429985.830	2056.398	
σ		4636.230	8.606	5.634	4.688	6.811	12.726	3586.775	33.407	
%RSD		0.973	21.458	6.556	10.000	20.757	11.418	0.834	1.625	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:12:33	12153.605	20330.081	4069.329	275.003	16121803.000	11607363.000	1580087.200	1881489.300	2656454.600
2	03:13:41	12062.903	20306.610	3872.400	276.565	15904856.000	11530917.000	1561130.200	1866565.600	2629383.700
3	03:14:49	11970.638	20222.637	3864.585	254.690	16060719.000	11572362.000	1549374.400	1853980.100	2630987.100
x		12062.382	20286.442	3935.438	268.753	16029126.000	11570214.000	1563530.600	1867345.000	2638941.800
σ		91.485	56.490	116.019	12.204	111870.690	38268.401	15496.479	13771.146	15187.682
%RSD		0.758	0.278	2.948	4.541	0.698	0.331	0.991	0.737	0.576
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:12:33	23002.880	131838.370	15245.631	66680.257	8114416.600	41441.301	628197.800	48425.688	20048.433
2	03:13:41	22602.241	131259.640	15214.347	68287.824	7953773.300	42293.943	622974.810	49117.105	19801.214
3	03:14:49	22830.729	131764.250	15423.947	67245.396	8032160.700	41984.679	622839.410	48585.604	19763.662
x		22811.950	131620.750	15294.642	67404.492	8033450.200	41906.641	624670.670	48709.466	19871.103
σ		200.978	314.922	113.069	815.507	80329.398	431.645	3055.329	361.968	154.716
%RSD		0.881	0.239	0.739	1.210	1.000	1.030	0.489	0.743	0.779
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:12:33	320727.540	302877.030	40278.578	1147294.600	870601.520	19779036.000	490878.730	365715.770	78516.742
2	03:13:41	321194.090	299270.960	40461.907	1146216.100	866908.660	19611224.000	486089.060	362257.430	77589.823
3	03:14:49	316701.700	299912.330	39747.406	1149850.800	867889.020	19728137.000	488128.880	363702.850	78006.144
x		319541.110	300686.770	40162.630	1147787.100	868466.400	19706132.000	488365.560	363892.020	78037.570
σ		2470.042	1923.732	371.094	1866.779	1912.935	86042.967	2403.590	1736.911	464.258
%RSD		0.773	0.640	0.924	0.163	0.220	0.437	0.492	0.477	0.595
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:12:33	391739.060	188944.420	152127.580	57848.138	3788.002	3788.002	12270.372	5348.918	22.917
2	03:13:41	391066.310	188429.870	151388.540	57569.411	3800.506	3800.506	12320.415	5360.381	21.875
3	03:14:49	392225.580	189283.230	152708.730	57091.457	3925.539	3925.539	12311.553	5270.243	14.583
x		391676.980	188885.840	152074.950	57503.002	3838.016	3838.016	12300.780	5326.514	19.792
σ		582.120	429.684	661.667	382.687	76.055	76.055	26.704	49.068	4.541
%RSD		0.149	0.227	0.435	0.666	1.982	1.982	0.217	0.921	22.942
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:12:33	71376.303	127206.030	136341.270	80900.298	211653.240	1.563	142089.070	8563.503	395262.260
2	03:13:41	71376.303	126178.220	136923.360	81222.431	212067.130	1.563	137694.790	8813.656	392612.560
3	03:14:49	71343.327	126290.140	134625.110	80482.322	208348.950	1.563	141191.170	8335.244	393653.110
x		71365.311	126558.130	135963.250	80868.350	210689.770	1.563	140325.010	8570.801	393842.640
σ		19.039	563.878	1194.850	371.087	2037.747	0.000	2321.658	239.289	1334.983
%RSD		0.027	0.446	0.879	0.459	0.967	0.000	1.654	2.792	0.339
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:12:33	6471.778	6471.778	388577.900	100890.950	276364.790	390454.610	349506.560	625426.980	406663.140
2	03:13:41	6560.881	6560.881	386402.900	100870.490	271631.550	389876.640	349717.890	625089.230	409169.130
3	03:14:49	6454.583	6454.583	386616.370	100105.770	273704.940	391329.630	350568.040	623562.120	406836.730
x		6495.747	6495.747	387199.060	100622.400	273900.420	390553.620	349930.830	624692.780	407556.340
σ		57.059	57.059	1198.876	447.537	2372.669	731.539	561.863	993.635	1399.417
%RSD		0.878	0.878	0.310	0.445	0.866	0.187	0.161	0.159	0.343
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	03:12:33	445112.380	826589.830	1987027.600	664694.920	625890.380	1474593.300	390782.130	3952017.900	
2	03:13:41	444430.700	822780.660	1998440.700	666327.780	628755.940	1483095.400	392195.070	3940522.900	
3	03:14:49	438830.250	819225.450	1990874.500	665925.280	622389.160	1467802.200	391474.130	3928342.300	
x		442791.110	822865.310	1992114.300	665649.320	625678.490	1475163.600	391483.780	3940294.400	
σ		3447.096	3682.919	5806.704	850.690	3188.675	7662.533	706.519	11839.478	
%RSD		0.778	0.448	0.291	0.128	0.510	0.519	0.180	0.300	

CCB 04/30/2011 03:19:20 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:20:28	12505.471	1.563	106.250	184.376	112185.650	2465.838	342.192	426.569	740.644
2	03:21:36	12594.612	6.771	93.750	215.627	112174.630	3466.045	490.633	592.200	1040.663
3	03:22:44	12783.842	7.813	71.875	237.502	111535.270	2611.176	373.442	401.568	812.523
X		12627.975	5.382	90.625	212.502	111965.180	2847.686	402.089	473.446	864.610
σ		142.153	3.348	17.399	26.700	372.353	540.423	78.257	103.601	156.645
%RSD		1.126	62.217	19.199	12.565	0.333	18.978	19.463	21.882	18.117
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:20:28	428.131	793.772	15796.228	68460.522	86130.742	14.063	518.759	49512.215	28.125
2	03:21:36	475.008	828.149	15600.701	69179.599	86547.311	12.500	525.010	50854.418	12.500
3	03:22:44	431.257	842.212	15714.889	70906.786	86130.742	10.938	521.885	50123.717	25.000
X		444.799	821.378	15703.939	69515.636	86269.599	12.500	521.885	50163.450	21.875
σ		26.209	24.920	98.222	1257.276	240.506	1.563	3.125	671.983	8.268
%RSD		5.892	3.034	0.625	1.809	0.279	12.500	0.599	1.340	37.796
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:20:28	10772.810	295.316	3756.744	2636.181	262.502	32936.362	946.906	70.313	32.813
2	03:21:36	10707.136	290.628	3541.064	2826.842	387.505	34844.004	985.972	109.375	32.813
3	03:22:44	10127.026	298.441	3331.638	2626.804	335.941	33486.075	948.469	48.438	34.375
X		10535.657	294.795	3543.149	2696.609	328.650	33755.480	960.449	76.042	33.333
σ		355.406	3.932	212.560	112.883	62.820	981.942	22.117	30.870	0.902
%RSD		3.373	1.334	5.999	4.186	19.114	2.909	2.303	40.596	2.706
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:20:28	121.876	37.500	50.000	115.625	23.438	23.438	133.855	18.229	15.104
2	03:21:36	121.876	68.750	93.750	107.813	28.125	28.125	136.459	21.875	19.792
3	03:22:44	118.750	37.500	90.625	113.542	25.000	25.000	117.709	18.229	18.229
X		120.834	47.917	78.125	112.327	25.521	25.521	129.341	19.444	17.708
σ		1.804	18.042	24.407	4.046	2.387	2.387	10.157	2.105	2.387
%RSD		1.493	37.653	31.241	3.602	9.352	9.352	7.853	10.825	13.478
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:20:28	42.188	78.125	73.438	42.188	121.876	0.000	147228.210	84.375	128.126
2	03:21:36	51.563	34.375	75.000	45.313	75.000	1.563	149307.440	67.188	117.188
3	03:22:44	31.250	34.375	43.750	39.063	60.938	0.000	149102.190	107.813	95.313
X		41.667	48.958	64.063	42.188	85.938	0.521	148545.950	86.459	113.542
σ		10.166	25.259	17.609	3.125	31.907	0.902	1145.795	20.393	16.707
%RSD		24.399	51.593	27.486	7.407	37.128	173.205	0.771	23.587	14.715
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:20:28	1.563	1.563	114.063	17.188	262.502	443.757	60.938	109.375	404768.270
2	03:21:36	1.563	1.563	128.126	34.375	254.690	398.443	84.375	171.876	416030.270
3	03:22:44	1.563	1.563	82.813	17.188	182.814	292.190	64.063	101.563	412593.670
X		1.563	1.563	108.334	22.917	233.335	378.130	69.792	127.605	411130.740
σ		0.000	0.000	23.193	9.923	43.927	77.798	12.726	38.539	5771.770
%RSD		0.000	0.000	21.409	43.301	18.826	20.574	18.234	30.201	1.404
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	03:20:28	440073.890	242.190	590.637	185.939	135.938	328.129	403264.110	729.706	
2	03:21:36	452359.780	268.753	645.327	237.502	201.564	414.068	412477.900	934.406	
3	03:22:44	443119.010	206.251	543.760	190.626	139.063	334.379	409299.350	790.647	
X		445184.230	239.065	593.242	204.689	158.855	358.859	408347.120	818.253	
σ		6398.013	31.367	50.833	28.513	37.020	47.915	4680.119	105.105	
%RSD		1.437	13.121	8.569	13.930	23.304	13.352	1.146	12.845	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:28:24	12608.687	10.938	6976.703	412.506	74664918.000	11499650.000	1553426.300	1862555.600	1409.445
2	03:29:32	12217.722	7.813	6942.311	410.943	74848277.000	11461938.000	1548081.900	1837707.700	1037.538
3	03:30:40	12220.850	12.500	7011.095	487.508	76502074.000	11629104.000	1562543.200	1847890.200	943.781
X		12349.086	10.417	6976.703	436.986	75338423.000	11530231.000	1554683.800	1849384.500	1130.255
σ		224.826	2.387	34.392	43.761	1011912.700	87678.390	7312.243	12491.175	246.288
%RSD		1.821	22.913	0.493	10.014	1.343	0.760	0.470	0.675	21.791
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:28:24	1168904.800	851.588	240253.410	516356.820	2763052.400	217006.100	3717496.200	53413.919	82.813
2	03:29:32	1154430.200	895.341	240235.940	528887.330	2746014.900	213802.080	3703489.400	52296.987	78.125
3	03:30:40	1168078.600	840.650	240583.910	534957.180	2772682.900	216883.950	3723229.200	52390.552	89.063
X		1163804.500	862.526	240357.750	526733.780	2760583.400	215897.370	3714738.300	52700.486	83.334
σ		8128.910	28.940	196.050	9485.339	13504.384	1815.609	10154.786	619.620	5.487
%RSD		0.698	3.355	0.082	1.801	0.489	0.841	0.273	1.176	6.585
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:28:24	91521.921	1557.897	24531.983	3048.763	715.643	47992.981	13978.711	473.445	531.260
2	03:29:32	93099.251	1628.218	24855.980	2937.802	587.512	45705.811	13795.721	420.319	479.696
3	03:30:40	97003.223	1521.956	26346.147	2748.702	565.636	44799.823	13644.012	384.380	510.947
X		93874.798	1569.357	25244.703	2911.756	622.930	46166.205	13806.148	426.048	507.301
σ		2821.750	54.050	967.537	151.717	81.033	1645.611	167.593	44.808	25.975
%RSD		3.006	3.444	3.833	5.210	13.008	3.565	1.214	10.517	5.120
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:28:24	664.078	364.067	281.253	1479.764	396.881	396.881	505.217	234.898	22.917
2	03:29:32	618.763	353.129	198.439	1514.143	379.693	379.693	464.591	234.898	15.104
3	03:30:40	596.887	332.816	204.689	1559.460	385.943	385.943	501.571	217.189	19.271
X		626.576	350.004	228.127	1517.789	387.505	387.505	490.460	228.995	19.097
σ		34.270	15.858	46.114	39.973	8.700	8.700	22.477	10.224	3.909
%RSD		5.469	4.531	20.214	2.634	2.245	2.245	4.583	4.465	20.470
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:28:24	-758.281	270.315	329.691	207.814	489.071	3.125	132136.410	95.313	98.438
2	03:29:32	-1574.063	279.690	275.003	165.626	439.069	0.000	131459.900	62.500	71.875
3	03:30:40	-1462.656	271.878	270.315	210.939	453.132	0.000	131735.860	89.063	67.188
X		-1265.000	273.961	291.670	194.793	460.424	1.042	131777.390	82.292	79.167
σ		442.353	5.023	33.011	25.308	25.786	1.804	340.162	17.423	16.853
%RSD		34.969	1.833	11.318	12.992	5.600	173.205	0.258	21.172	21.288
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:28:24	0.000	0.000	121.876	45.313	235.939	228.127	7797.440	13454.771	394454.450
2	03:29:32	0.000	0.000	62.500	25.000	146.876	212.502	7616.092	13570.505	394639.140
3	03:30:40	4.688	4.688	54.688	18.750	184.376	156.251	7689.569	13837.949	398874.680
X		1.563	1.563	79.688	29.688	189.064	198.960	7701.034	13621.075	395989.420
σ		2.706	2.706	36.744	13.888	44.717	37.803	91.216	196.531	2500.410
%RSD		173.205	173.205	46.110	46.780	23.652	19.000	1.184	1.443	0.631
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	03:28:24	431298.190	456.257	968.783	1017.224	904.716	2307.999	370512.010	70619.431	
2	03:29:32	430501.250	260.940	526.572	881.277	726.581	1698.539	373236.250	70839.265	
3	03:30:40	433215.860	207.814	471.883	782.834	693.767	1553.209	375811.850	72541.526	
X		431671.770	308.337	655.746	893.778	775.021	1853.249	373186.700	71333.407	
σ		1395.332	130.828	272.474	117.694	113.511	400.473	2650.265	1052.019	
%RSD		0.323	42.430	41.552	13.168	14.646	21.609	0.710	1.475	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:36:20	12369.415	2.604	8138.255	343.754	95168671.000	10396930.000	1394274.100	1659992.200	1939.194
2	03:37:28	12722.850	4.688	8269.580	357.817	96808035.000	10482539.000	1422853.200	1695175.100	1978.262
3	03:38:36	12614.942	2.604	8208.608	371.880	98129091.000	10689170.000	1444490.200	1713070.200	1922.004
X		12569.069	3.299	8205.481	357.817	96701932.000	10522880.000	1420539.200	1689412.500	1946.487
σ		181.128	1.203	65.719	14.063	1483059.500	150238.390	25187.894	27004.143	28.829
%RSD		1.441	36.464	0.801	3.930	1.534	1.428	1.773	1.598	1.481
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:36:20	886257.500	885.965	278489.840	522337.200	2706866.300	187915.350	3267760.200	53457.778	65.625
2	03:37:28	905028.080	904.716	282626.140	537808.160	2726073.800	192855.540	3307896.800	53188.779	65.625
3	03:38:36	923889.210	943.781	284591.140	547899.730	2755780.800	195033.240	3358577.800	54899.264	68.750
X		905058.270	911.487	281902.370	536015.030	2729573.600	191934.710	3311411.600	53848.607	66.667
σ		18815.875	29.497	3114.378	12875.256	24644.346	3647.195	45510.722	919.783	1.804
%RSD		2.079	3.236	1.105	2.402	0.903	1.900	1.374	1.708	2.706
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:36:20	92627.449	817.211	24508.505	4086.522	2406.453	64266.105	13537.661	646.890	439.069
2	03:37:28	94472.283	904.716	25209.724	4055.263	2450.210	64817.023	13231.124	660.953	551.573
3	03:38:36	95941.401	893.778	25777.924	4097.462	2612.739	64835.858	13298.374	676.579	515.634
X		94347.044	871.902	25165.384	4079.749	2489.801	64639.662	13355.720	661.474	502.092
σ		1660.522	47.678	635.870	21.900	108.692	323.647	161.114	14.851	57.461
%RSD		1.760	5.468	2.527	0.537	4.366	0.501	1.206	2.245	11.444
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:36:20	1820.429	959.407	870.339	1703.747	396.881	396.881	501.050	234.898	14.063
2	03:37:28	1976.699	965.658	953.157	1754.795	376.567	376.567	492.196	253.648	21.354
3	03:38:36	1839.181	900.028	945.344	1752.191	375.005	375.005	488.550	222.398	18.750
X		1878.770	941.698	922.947	1736.911	382.818	382.818	493.932	236.981	18.056
σ		85.326	36.222	45.727	28.750	12.204	12.204	6.429	15.729	3.695
%RSD		4.542	3.846	4.954	1.655	3.188	3.188	1.301	6.637	20.465
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:36:20	215.627	406.256	437.507	243.752	601.575	0.000	133256.120	64.063	65.625
2	03:37:28	240.627	389.068	446.882	270.315	570.324	0.000	136778.230	96.875	35.938
3	03:38:36	179.689	406.256	379.693	251.565	648.452	1.563	136718.290	73.438	31.250
X		211.981	400.526	421.360	255.211	606.784	0.521	135584.210	78.125	44.271
σ		30.632	9.923	36.389	13.652	39.324	0.902	2016.413	16.901	18.641
%RSD		14.451	2.478	8.636	5.349	6.481	173.205	1.487	21.633	42.107
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:36:20	3.125	3.125	79.688	15.625	137.501	184.376	5014.943	8871.504	403011.830
2	03:37:28	1.563	1.563	43.750	7.813	151.563	184.376	5007.127	9084.137	406769.230
3	03:38:36	1.563	1.563	43.750	7.813	148.438	167.188	5116.541	9260.813	411405.440
X		2.083	2.083	55.729	10.417	145.834	178.647	5046.204	9072.151	407062.170
σ		0.902	0.902	20.749	4.511	7.384	9.923	61.039	194.931	4204.467
%RSD		43.301	43.301	37.231	43.301	5.063	5.555	1.210	2.149	1.033
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	03:36:20	436100.090	128.126	343.754	1121.919	928.155	2126.721	375292.200	60460.484	
2	03:37:28	444440.370	81.250	235.939	981.284	923.467	2178.291	380964.410	61500.848	
3	03:38:36	450059.110	71.875	192.189	993.785	871.902	2106.405	385699.900	62332.566	
X		443533.190	93.750	257.294	1032.329	907.841	2137.139	380652.170	61431.299	
σ		7023.587	30.137	78.007	77.839	31.213	37.058	5210.872	937.977	
%RSD		1.584	32.146	30.318	7.540	3.438	1.734	1.369	1.527	

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04/30/2011 03:43:08 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:44:16	12663.423	2.083	4317.840	309.378	58108454.000	8379863.300	1136790.000	1351537.400	593.762
2	03:45:24	12624.326	3.646	4319.403	335.941	57773477.000	8337822.400	1135725.700	1357398.100	584.387
3	03:46:32	12716.595	2.604	4388.174	359.380	58042928.000	8355872.700	1124995.700	1338817.700	539.073
X		12668.114	2.778	4341.806	334.900	57974953.000	8357852.800	1132503.800	1349251.000	572.407
σ		46.313	0.796	40.164	25.017	177532.720	21090.278	6523.938	9498.864	29.247
%RSD		0.366	28.641	0.925	7.470	0.306	0.252	0.576	0.704	5.109
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:44:16	720582.560	712.518	200695.230	529782.080	3448182.600	156218.500	2514630.000	51895.652	81.250
2	03:45:24	728855.560	712.518	199370.620	535742.030	3377374.400	152984.240	2499861.500	52140.291	43.750
3	03:46:32	726377.770	725.018	200457.550	542895.250	3438007.500	153886.020	2492026.600	50705.452	40.625
X		725271.960	716.685	200174.470	536139.790	3421188.200	154362.920	2502172.700	51580.465	55.208
σ		4245.907	7.217	706.220	6565.626	38283.390	1669.037	11477.566	767.592	22.607
%RSD		0.585	1.007	0.353	1.225	1.119	1.081	0.459	1.488	40.948
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:44:16	85032.002	946.906	25120.504	3083.145	660.953	45052.178	9884.669	260.940	400.006
2	03:45:24	89013.961	948.469	26956.659	2961.244	623.451	43564.762	9293.647	271.878	425.006
3	03:46:32	92006.267	935.968	27058.414	3036.260	581.262	43848.441	9768.964	235.939	420.319
X		88684.077	943.781	26378.526	3026.883	621.889	44155.127	9649.093	256.252	415.110
σ		3498.816	6.811	1090.666	61.489	39.868	789.711	313.215	18.422	13.289
%RSD		3.945	0.722	4.135	2.031	6.411	1.788	3.246	7.189	3.201
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:44:16	670.328	317.191	440.632	1175.048	393.755	393.755	342.712	141.667	18.229
2	03:45:24	632.827	325.004	429.694	1133.378	353.129	353.129	343.233	151.563	18.750
3	03:46:32	656.265	331.254	371.880	1191.716	335.941	335.941	344.275	141.147	14.583
X		653.140	324.483	414.069	1166.714	360.942	360.942	343.407	144.792	17.188
σ		18.945	7.046	36.944	30.049	29.688	29.688	0.796	5.870	2.270
%RSD		2.901	2.171	8.922	2.575	8.225	8.225	0.232	4.054	13.209
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:44:16	282.815	507.822	504.696	323.441	820.336	1.563	141771.880	92.188	54.688
2	03:45:24	287.503	493.759	571.886	326.566	884.402	0.000	142578.280	92.188	40.625
3	03:46:32	298.441	567.199	529.697	301.566	814.086	0.000	141707.180	89.063	28.125
X		289.586	522.926	535.427	317.191	839.608	0.521	142019.110	91.146	41.146
σ		8.018	38.981	33.959	13.622	38.919	0.902	485.334	1.804	13.289
%RSD		2.769	7.454	6.343	4.295	4.635	173.205	0.342	1.979	32.297
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:44:16	4.688	4.688	67.188	14.063	65.625	90.625	9001.272	16190.419	423274.410
2	03:45:24	3.125	3.125	32.813	7.813	67.188	54.688	8733.919	16182.598	424927.090
3	03:46:32	3.125	3.125	21.875	6.250	89.063	51.563	8934.043	15708.632	426649.170
X		3.646	3.646	40.625	9.375	73.959	65.625	8889.745	16027.216	424950.230
σ		0.902	0.902	23.645	4.134	13.104	21.707	139.073	275.930	1687.497
%RSD		24.744	24.744	58.203	44.096	17.718	33.077	1.564	1.722	0.397
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	03:44:16	459759.210	92.188	240.627	568.761	489.071	1164.110	399910.860	60405.565	
2	03:45:24	462104.980	59.375	139.063	509.384	507.822	1110.981	405176.470	60694.285	
3	03:46:32	457512.210	45.313	140.626	534.385	457.820	1067.227	403550.150	61056.762	
X		459792.130	65.625	173.439	537.510	484.904	1114.106	402879.160	60718.870	
σ		2296.562	24.055	58.192	29.812	25.260	48.517	2696.169	326.294	
%RSD		0.499	36.654	33.552	5.546	5.209	4.355	0.669	0.537	

C1852-10 MF3T82

04/30/2011 03:51:05 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	03:52:13	12666.550	2.083	4106.840	365.630	57458730.000	8333332.800	1115450.600	1331891.100	446.882
2	03:53:21	12661.859	1.563	4100.588	439.069	57383486.000	8202430.300	1111452.500	1329068.900	415.631
3	03:54:29	12610.251	4.167	4356.914	395.318	57349617.000	8304544.500	1122297.900	1343130.000	465.633
X		12646.220	2.604	4188.114	400.006	57397278.000	8280102.500	1116400.300	1334696.700	442.715
σ		31.239	1.378	146.218	36.944	55848.428	68788.971	5484.723	7438.560	25.260
%RSD		0.247	52.915	3.491	9.236	0.097	0.831	0.491	0.557	5.706
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	03:52:13	720365.780	703.142	197285.730	542015.910	3391601.500	153518.950	2470754.700	50639.594	60.938
2	03:53:21	717295.030	721.893	196658.420	550318.200	3338488.300	151594.000	2481281.600	50062.566	51.563
3	03:54:29	722372.780	775.021	196772.470	556328.790	3396248.900	151935.060	2471876.900	50914.004	51.563
X		720011.200	733.352	196905.540	549554.300	3375446.300	152349.340	2474637.700	50538.721	54.688
σ		2557.381	37.284	334.155	7186.950	32090.747	1027.169	5781.073	434.590	5.413
%RSD		0.355	5.084	0.170	1.308	0.951	0.674	0.234	0.860	9.897
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	03:52:13	89153.892	831.274	26847.078	3025.320	532.822	44094.509	9728.311	231.252	390.630
2	03:53:21	93295.840	859.401	28418.864	2800.274	539.073	43591.406	9612.608	207.814	435.944
3	03:54:29	95205.250	928.155	29065.476	2967.496	590.637	44323.341	9575.083	195.314	423.444
X		92551.661	872.943	28110.473	2931.030	554.177	44003.085	9638.667	211.460	416.673
σ		3093.556	49.840	1140.899	116.871	31.729	374.434	79.869	18.244	23.403
%RSD		3.343	5.709	4.059	3.987	5.725	0.851	0.829	8.628	5.617
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	03:52:13	884.402	429.694	407.818	1222.969	365.630	365.630	333.337	147.917	15.625
2	03:53:21	770.333	439.069	384.380	1234.949	323.441	323.441	339.587	153.126	17.708
3	03:54:29	825.024	401.568	457.820	1262.556	359.380	359.380	358.859	156.772	14.583
X		826.586	423.444	416.673	1240.158	349.483	349.483	343.928	152.605	15.972
σ		57.051	19.516	37.512	20.301	22.769	22.769	13.303	4.450	1.591
%RSD		6.902	4.609	9.003	1.637	6.515	6.515	3.868	2.916	9.962
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	03:52:13	287.503	528.135	501.571	350.004	807.835	1.563	140627.840	70.313	18.750
2	03:53:21	296.878	545.323	517.197	289.065	762.520	0.000	138884.340	84.375	14.063
3	03:54:29	271.878	535.948	496.884	357.817	840.650	0.000	140094.510	95.313	29.688
X		285.420	536.468	505.217	332.296	803.668	0.521	139868.900	83.334	20.833
σ		12.630	8.606	10.636	37.642	39.231	0.902	893.375	12.533	8.018
%RSD		4.425	1.604	2.105	11.328	4.881	173.205	0.639	15.039	38.487
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	03:52:13	0.000	0.000	17.188	9.375	81.250	45.313	8960.622	15772.765	416581.940
2	03:53:21	4.688	4.688	12.500	3.125	60.938	59.375	8988.764	15692.990	414450.980
3	03:54:29	1.563	1.563	15.625	0.000	67.188	53.125	8868.377	15789.971	419902.050
X		2.083	2.083	15.104	4.167	69.792	52.604	8939.254	15751.909	416978.320
σ		2.387	2.387	2.387	4.774	10.404	7.046	62.974	51.746	2747.071
%RSD		114.564	114.564	15.802	114.564	14.907	13.394	0.704	0.329	0.659
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	03:52:13	455609.060	29.688	100.000	489.071	410.943	973.471	396511.810	59053.052	
2	03:53:21	453590.070	43.750	89.063	439.069	429.694	1010.973	400433.000	59277.416	
3	03:54:29	452591.960	37.500	87.500	478.133	400.006	978.158	397629.750	60145.094	
X		453930.360	36.979	92.188	468.758	413.548	987.534	398191.520	59491.854	
σ		1537.069	7.046	6.811	26.286	15.015	20.434	2020.055	576.738	
%RSD		0.339	19.053	7.388	5.608	3.631	2.069	0.507	0.969	

C1852-11 MF3T83

04/30/2011 03:59:01 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:00:09	12614.942	2.083	5677.690	409.381	66842311.000	11156425.000	1508998.400	1803103.500	539.073
2	04:01:18	12885.496	4.167	5685.506	451.570	67277427.000	11172643.000	1518505.100	1817538.900	495.321
3	04:02:26	12826.068	2.604	5871.519	392.193	67796037.000	11402295.000	1543534.900	1835477.900	543.760
X		12775.502	2.951	5744.905	417.714	67305258.000	11243788.000	1523679.500	1818706.800	526.051
σ		142.188	1.084	109.720	30.553	477471.770	137510.590	17840.229	16218.759	26.716
%RSD		1.113	36.735	1.910	7.314	0.709	1.223	1.171	0.892	5.079
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:00:09	1022775.200	821.899	219841.140	554652.980	2519171.200	175550.160	3027745.700	50689.772	51.563
2	04:01:18	1025920.400	879.715	221170.800	567031.240	2537024.300	176870.990	3048735.600	56481.097	84.375
3	04:02:26	1048976.600	828.149	225681.150	572990.200	2563542.800	180805.730	3106454.900	51351.504	93.750
X		1032557.400	843.254	222231.030	564891.470	2539912.800	177742.300	3060978.700	52840.791	76.563
σ		14306.109	31.730	3060.963	9354.005	22326.345	2733.975	40757.884	3169.912	22.152
%RSD		1.386	3.763	1.377	1.656	0.879	1.538	1.332	5.999	28.934
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:00:09	98670.835	1181.299	27634.515	2775.269	489.071	39260.123	11496.812	220.314	434.382
2	04:01:18	102651.860	1192.237	28475.226	2670.562	504.696	39092.477	11590.638	242.190	417.194
3	04:02:26	104449.200	1140.670	29449.072	2631.492	495.321	39719.202	12294.351	251.565	453.132
X		101923.970	1171.402	28519.605	2692.441	496.363	39357.268	11793.933	238.023	434.902
σ		2957.151	27.171	908.092	74.344	7.865	324.459	435.906	16.037	17.975
%RSD		2.901	2.319	3.184	2.761	1.584	0.824	3.696	6.737	4.133
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:00:09	3831.764	1931.381	6839.137	1500.079	368.755	368.755	347.921	166.668	23.958
2	04:01:18	3747.366	1873.560	6698.445	1447.990	353.129	353.129	374.484	169.272	11.458
3	04:02:26	3828.638	1920.442	6950.128	1492.265	396.881	396.881	390.630	152.605	15.625
X		3802.589	1908.461	6829.237	1480.111	372.922	372.922	371.012	162.848	17.014
σ		47.850	30.716	126.133	28.091	22.171	22.171	21.565	8.966	6.365
%RSD		1.258	1.609	1.847	1.898	5.945	5.945	5.813	5.506	37.409
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:00:09	193.751	329.691	331.254	226.564	504.696	4.688	140376.950	73.438	23.438
2	04:01:18	187.501	310.941	334.379	287.503	515.634	3.125	140495.290	71.875	15.625
3	04:02:26	198.439	329.691	328.129	201.564	596.887	0.000	139335.580	67.188	17.188
X		193.230	323.441	331.254	238.544	539.073	2.604	140069.280	70.834	18.750
σ		5.487	10.826	3.125	44.204	50.367	2.387	638.147	3.253	4.134
%RSD		2.840	3.347	0.943	18.531	9.343	91.652	0.456	4.592	22.048
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:00:09	3.125	3.125	9.375	1.563	103.125	64.063	6478.031	11773.600	414475.100
2	04:01:18	3.125	3.125	9.375	3.125	84.375	70.313	6587.456	11825.205	417534.140
3	04:02:26	0.000	0.000	10.938	3.125	75.000	78.125	6629.663	11990.968	413552.040
X		2.083	2.083	9.896	2.604	87.500	70.834	6565.050	11863.257	415187.100
σ		1.804	1.804	0.902	0.902	14.321	7.046	78.260	113.570	2084.344
%RSD		86.603	86.603	9.116	34.641	16.366	9.947	1.192	0.957	0.502
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	04:00:09	451695.500	35.938	81.250	1364.128	1120.356	2829.968	388308.210	51114.719	
2	04:01:18	453440.100	18.750	87.500	1400.069	1190.675	3056.577	397448.240	51111.583	
3	04:02:26	452242.070	29.688	78.125	1342.251	1154.734	3042.512	393370.480	51616.519	
X		452459.220	28.125	82.292	1368.816	1155.255	2976.352	393042.310	51280.940	
σ		892.345	8.700	4.774	29.193	35.162	126.967	4578.840	290.624	
%RSD		0.197	30.932	5.801	2.133	3.044	4.266	1.165	0.567	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:08:07	14086.629	1.563	540.635	225.002	3758357.800	574925.350	76416.336	91328.501	410.943
2	04:09:15	14152.319	1.563	551.573	253.127	3793436.000	575350.390	76548.289	92496.920	401.568
3	04:10:23	14216.445	0.000	498.446	217.189	3763618.400	574121.080	77099.680	92473.331	378.130
X		14151.798	1.042	530.218	231.773	3771804.100	574798.940	76688.102	92099.584	396.881
σ		64.910	0.902	28.054	18.902	18917.581	624.328	362.492	667.881	16.901
%RSD		0.459	86.603	5.291	8.155	0.502	0.109	0.473	0.725	4.259
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:08:07	57487.310	787.522	26379.020	101937.400	214062.180	10428.805	172943.660	55662.919	9.375
2	04:09:15	56985.305	876.589	26289.793	100923.990	216631.730	10577.352	171757.600	56199.388	26.563
3	04:10:23	57769.696	925.030	26436.939	101172.620	214723.560	10575.788	172855.100	55424.495	7.813
X		57414.104	863.047	26368.584	101344.670	215139.150	10527.315	172518.790	55762.268	14.583
σ		397.287	69.747	74.126	528.157	1334.237	85.316	660.689	396.885	10.404
%RSD		0.692	8.082	0.281	0.521	0.620	0.810	0.383	0.712	71.339
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:08:07	22574.072	343.754	7269.036	2589.297	207.814	31129.192	1540.708	35.938	50.000
2	04:09:15	22178.140	323.441	6997.026	2468.963	173.439	31246.635	1561.023	25.000	50.000
3	04:10:23	21306.502	332.816	6826.631	2628.367	168.751	31252.899	1631.343	21.875	54.688
X		22019.571	333.337	7030.898	2562.209	183.335	31209.575	1577.691	27.604	51.563
σ		648.491	10.166	223.139	83.082	21.329	69.685	47.561	7.384	2.706
%RSD		2.945	3.050	3.174	3.243	11.634	0.223	3.015	26.750	5.249
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:08:07	32.813	18.750	46.875	239.065	50.000	50.000	144.792	34.375	18.750
2	04:09:15	75.000	21.875	62.500	228.648	90.625	90.625	138.022	25.521	17.188
3	04:10:23	40.625	18.750	51.563	218.752	62.500	62.500	145.313	24.479	21.875
X		49.479	19.792	53.646	228.821	67.709	67.709	142.709	28.125	19.271
σ		22.444	1.804	8.018	10.158	20.807	20.807	4.068	5.438	2.387
%RSD		45.361	9.116	14.946	4.439	30.731	30.731	2.850	19.334	12.385
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:08:07	15.625	10.938	14.063	3.125	21.875	1.563	161683.240	84.375	6.250
2	04:09:15	23.438	14.063	9.375	10.938	20.313	1.563	164640.160	95.313	1.563
3	04:10:23	12.500	10.938	12.500	15.625	20.313	0.000	162814.730	115.625	3.125
X		17.188	11.979	11.979	9.896	20.833	1.042	163046.050	98.438	3.646
σ		5.634	1.804	2.387	6.315	0.902	0.902	1491.971	15.858	2.387
%RSD		32.778	15.061	19.924	63.812	4.330	86.603	0.915	16.109	65.465
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:08:07	1.563	1.563	3.125	3.125	56.250	18.750	379.693	628.139	443831.240
2	04:09:15	0.000	0.000	7.813	1.563	54.688	14.063	387.505	628.139	446754.650
3	04:10:23	0.000	0.000	4.688	0.000	62.500	14.063	395.318	584.387	447973.190
X		0.521	0.521	5.208	1.563	57.813	15.625	387.505	613.555	446186.360
σ		0.902	0.902	2.387	1.563	4.134	2.706	7.813	25.260	2128.648
%RSD		173.205	173.205	45.826	100.000	7.151	17.321	2.016	4.117	0.477
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	04:08:07	477960.950	15.625	35.938	84.375	64.063	164.063	431235.400	3075.331	
2	04:09:15	481686.110	28.125	45.313	64.063	79.688	176.564	433420.360	2915.923	
3	04:10:23	481245.060	17.188	46.875	71.875	59.375	123.438	435275.510	3044.074	
X		480297.370	20.313	42.708	73.438	67.708	154.688	433310.420	3011.776	
σ		2035.382	6.811	5.916	10.246	10.636	27.776	2022.297	84.470	
%RSD		0.424	33.530	13.851	13.952	15.708	17.956	0.467	2.805	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:16:04	13948.994	3.125	545.323	232.814	4675118.900	508148.080	67655.137	82154.299	617.201
2	04:17:12	14508.927	2.604	471.883	229.689	4701610.000	514488.060	67834.107	82264.305	590.637
3	04:18:20	13601.785	1.042	484.383	260.940	4687755.000	508799.640	68490.352	82449.744	560.949
X		14019.902	2.257	500.530	241.148	4688161.300	510478.600	67993.199	82289.449	589.596
σ		457.709	1.084	39.292	17.211	13250.208	3487.552	439.749	149.319	28.141
%RSD		3.265	48.038	7.850	7.137	0.283	0.683	0.647	0.181	4.773
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:16:04	43359.452	815.648	27637.646	94511.605	210273.720	9095.082	148661.690	55811.936	7.813
2	04:17:12	42638.537	796.897	27791.068	94068.067	208036.640	8990.328	149335.860	56362.529	4.688
3	04:18:20	43732.461	793.772	27972.672	96188.366	210072.350	9156.058	151557.510	53959.527	9.375
X		43243.483	802.106	27800.462	94922.679	209460.900	9080.489	149851.690	55377.998	7.292
σ		556.106	11.832	167.711	1118.326	1237.554	83.823	1515.254	1258.901	2.387
%RSD		1.286	1.475	0.603	1.178	0.591	0.923	1.011	2.273	32.733
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:16:04	18180.311	334.379	5808.993	2673.688	307.816	33331.026	1528.207	34.375	57.813
2	04:17:12	17823.612	360.942	5591.719	2620.553	281.253	32919.135	1579.775	54.688	46.875
3	04:18:20	17446.584	351.567	5643.302	2622.116	292.190	33113.333	1515.705	37.500	65.625
X		17816.836	348.963	5681.338	2638.785	293.753	33121.164	1541.229	42.188	56.771
σ		366.910	13.472	113.521	30.236	13.350	206.057	33.962	10.938	9.418
%RSD		2.059	3.860	1.998	1.146	4.545	0.622	2.204	25.926	16.590
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:16:04	128.126	73.438	85.938	191.147	57.813	57.813	156.772	29.167	21.354
2	04:17:12	120.313	51.563	90.625	204.168	64.063	64.063	138.022	23.438	20.313
3	04:18:20	135.938	70.313	70.313	196.356	67.188	67.188	145.313	27.083	17.188
X		128.126	65.104	82.292	197.224	63.021	63.021	146.702	26.563	19.618
σ		7.813	11.831	10.636	6.554	4.774	4.774	9.452	2.900	2.168
%RSD		6.098	18.173	12.924	3.323	7.575	7.575	6.443	10.917	11.053
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:16:04	14.063	31.250	17.188	29.688	42.188	1.563	161621.610	92.188	12.500
2	04:17:12	18.750	20.313	20.313	10.938	26.563	3.125	162909.550	107.813	7.813
3	04:18:20	21.875	26.563	9.375	15.625	29.688	3.125	157551.520	104.688	4.688
X		18.229	26.042	15.625	18.750	32.813	2.604	160694.230	101.563	8.333
σ		3.932	5.487	5.634	9.758	8.268	0.902	2796.812	8.268	3.932
%RSD		21.571	21.071	36.056	52.042	25.198	34.641	1.740	8.141	47.186
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:16:04	0.000	0.000	4.688	0.000	65.625	20.313	218.752	385.943	444398.470
2	04:17:12	1.563	1.563	7.813	1.563	84.375	28.125	237.502	412.506	440186.670
3	04:18:20	0.000	0.000	4.688	0.000	54.688	17.188	237.502	428.131	429549.800
X		0.521	0.521	5.729	0.521	68.229	21.875	231.252	408.860	438044.980
σ		0.902	0.902	1.804	0.902	15.014	5.634	10.825	21.329	7652.506
%RSD		173.205	173.205	31.492	173.205	22.005	25.754	4.681	5.217	1.747
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	04:16:04	476783.510	17.188	46.875	81.250	76.563	162.501	431415.720	2647.120	
2	04:17:12	480196.580	18.750	42.188	68.750	57.813	140.626	432839.070	2698.692	
3	04:18:20	464184.870	18.750	35.938	54.688	78.125	139.063	423544.750	2690.878	
X		473721.650	18.229	41.667	68.229	70.834	147.397	429266.520	2678.897	
σ		8433.563	0.902	5.487	13.289	11.303	13.104	5006.037	27.795	
%RSD		1.780	4.949	13.170	19.477	15.958	8.890	1.166	1.038	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:24:02	13800.413	1.042	271.878	239.065	2741054.600	373096.740	51505.180	61770.759	423.444
2	04:25:10	14180.472	1.563	287.503	212.502	2702369.400	377624.340	52132.449	61891.593	409.381
3	04:26:18	13464.154	1.563	284.378	253.127	2718122.900	377667.650	52148.132	62139.540	453.132
X		13815.013	1.389	281.253	234.898	2720515.700	376129.580	51928.587	61933.964	428.652
σ		358.382	0.301	8.268	20.631	19453.269	2626.601	366.765	188.007	22.336
%RSD		2.594	21.651	2.940	8.783	0.715	0.698	0.706	0.304	5.211
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:24:02	32709.279	821.899	23549.081	91529.783	231320.280	6543.686	108827.010	54762.575	3.125
2	04:25:10	32562.068	850.025	23533.430	91926.066	233286.230	6668.744	108036.670	55030.790	7.813
3	04:26:18	33479.811	812.523	23794.800	93385.485	232157.130	6507.732	108669.560	55013.536	3.125
X		32917.052	828.149	23625.771	92280.445	232254.550	6573.387	108511.080	54935.633	4.688
σ		492.890	19.517	146.593	977.290	986.593	84.515	418.327	150.121	2.706
%RSD		1.497	2.357	0.620	1.059	0.425	1.286	0.386	0.273	57.735
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:24:02	15631.985	304.691	4997.749	2542.414	182.814	32225.368	1260.993	10.938	37.500
2	04:25:10	15522.491	285.940	5129.046	2470.526	178.126	32427.387	1373.504	17.188	57.813
3	04:26:18	15075.137	290.628	5019.632	2543.977	168.751	32264.519	1354.752	14.063	53.125
X		15409.871	293.753	5048.809	2518.972	176.564	32305.758	1329.749	14.063	49.479
σ		295.012	9.758	70.343	41.963	7.160	107.137	60.278	3.125	10.636
%RSD		1.914	3.322	1.393	1.666	4.055	0.332	4.533	22.222	21.495
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:24:02	75.000	25.000	45.313	155.209	51.563	51.563	135.417	24.479	20.833
2	04:25:10	53.125	23.438	60.938	149.480	65.625	65.625	151.042	22.917	19.271
3	04:26:18	84.375	31.250	43.750	143.751	39.063	39.063	130.730	23.438	25.000
X		70.834	26.563	50.000	149.480	52.083	52.083	139.063	23.611	21.701
σ		16.036	4.134	9.504	5.729	13.289	13.289	10.636	0.796	2.962
%RSD		22.639	15.563	19.009	3.833	25.515	25.515	7.648	3.370	13.647
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:24:02	32.813	21.875	25.000	23.438	35.938	1.563	159779.180	98.438	14.063
2	04:25:10	18.750	37.500	23.438	9.375	37.500	4.688	161458.850	98.438	1.563
3	04:26:18	31.250	21.875	28.125	15.625	37.500	0.000	160701.950	100.000	12.500
X		27.604	27.083	25.521	16.146	36.979	2.083	160646.660	98.959	9.375
σ		7.708	9.021	2.387	7.046	0.902	2.387	841.196	0.902	6.811
%RSD		27.922	33.309	9.352	43.638	2.440	114.564	0.524	0.912	72.648
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:24:02	0.000	0.000	4.688	3.125	64.063	20.313	385.943	720.331	434835.860
2	04:25:10	0.000	0.000	3.125	0.000	50.000	15.625	376.567	754.707	435120.900
3	04:26:18	3.125	3.125	0.000	0.000	53.125	12.500	425.006	695.329	432811.700
X		1.042	1.042	2.604	1.042	55.729	16.146	395.839	723.456	434256.150
σ		1.804	1.804	2.387	1.804	7.384	3.932	25.691	29.812	1259.028
%RSD		173.205	173.205	91.652	173.205	13.250	24.354	6.490	4.121	0.290
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	04:24:02	469176.840	17.188	50.000	45.313	35.938	90.625	428629.010	2384.574	
2	04:25:10	474997.340	28.125	50.000	46.875	40.625	135.938	432108.060	2384.574	
3	04:26:18	473104.820	15.625	54.688	50.000	35.938	103.125	432829.410	2518.972	
X		472426.330	20.313	51.563	47.396	37.500	109.896	431188.820	2429.373	
σ		2968.971	6.811	2.706	2.387	2.706	23.403	2246.015	77.595	
%RSD		0.628	33.530	5.249	5.036	7.217	21.295	0.521	3.194	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:31:59	14161.703	0.521	265.627	228.127	2749052.600	377807.200	52028.948	62535.011	468.758
2	04:33:08	14421.338	1.563	251.565	254.690	2755517.900	377691.710	51847.039	62334.136	525.010
3	04:34:15	14146.063	1.563	248.440	251.565	2743216.900	380508.750	52011.698	63129.806	457.820
X		14243.035	1.215	255.211	244.794	2749262.400	378669.220	51962.562	62666.317	483.862
σ		154.613	0.601	9.156	14.518	6153.204	1594.127	100.417	413.768	36.052
%RSD		1.086	49.487	3.587	5.931	0.224	0.421	0.193	0.660	7.451
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:31:59	32621.578	853.150	24096.868	90372.450	231404.440	6556.192	107451.020	54811.198	6.250
2	04:33:08	32884.681	701.580	23905.923	90951.105	231444.130	6660.927	109738.630	55750.761	7.813
3	04:34:15	33204.168	795.335	23369.098	91803.406	231078.920	6548.376	109505.600	55499.786	6.250
X		32903.476	783.355	23790.630	91042.320	231309.160	6588.498	108898.420	55353.915	6.771
σ		291.749	76.492	377.335	719.825	200.383	62.847	1258.882	486.470	0.902
%RSD		0.887	9.765	1.586	0.791	0.087	0.954	1.156	0.879	13.323
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:31:59	14277.444	281.253	4449.130	2606.488	185.939	32616.880	1292.246	14.063	51.563
2	04:33:08	14028.760	293.753	4583.548	2542.414	200.001	33218.264	1232.866	17.188	42.188
3	04:34:15	14014.684	310.941	4503.835	2629.930	176.564	32881.548	1353.189	14.063	35.938
X		14106.962	295.316	4512.171	2592.944	187.501	32905.564	1292.767	15.104	43.229
σ		147.809	14.906	67.595	45.303	11.797	301.410	60.163	1.804	7.864
%RSD		1.048	5.047	1.498	1.747	6.292	0.916	4.654	11.945	18.192
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:31:59	95.313	34.375	79.688	163.022	39.063	39.063	140.105	24.479	15.625
2	04:33:08	103.125	39.063	78.125	153.647	46.875	46.875	156.251	28.125	21.354
3	04:34:15	103.125	42.188	70.313	132.813	45.313	45.313	142.188	23.958	19.792
X		100.521	38.542	76.042	149.827	43.750	43.750	146.181	25.521	18.924
σ		4.511	3.932	5.023	15.462	4.134	4.134	8.782	2.270	2.962
%RSD		4.487	10.202	6.605	10.320	9.449	9.449	6.008	8.896	15.650
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:31:59	18.750	26.563	39.063	17.188	45.313	1.563	160401.730	125.001	0.000
2	04:33:08	12.500	20.313	34.375	23.438	42.188	0.000	159636.980	112.500	6.250
3	04:34:15	20.313	20.313	23.438	12.500	51.563	6.250	160395.410	118.750	1.563
X		17.188	22.396	32.292	17.708	46.354	2.604	160144.710	118.750	2.604
σ		4.134	3.608	8.018	5.487	4.774	3.253	439.712	6.250	3.253
%RSD		24.052	16.112	24.830	30.987	10.298	124.900	0.275	5.263	124.900
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:31:59	0.000	0.000	0.000	0.000	65.625	17.188	367.192	665.641	434241.620
2	04:33:08	1.563	1.563	1.563	0.000	43.750	10.938	362.505	704.705	434805.260
3	04:34:15	0.000	0.000	4.688	0.000	50.000	14.063	360.942	710.955	437232.360
X		0.521	0.521	2.083	0.000	53.125	14.063	363.546	693.767	435426.410
σ		0.902	0.902	2.387	0.000	11.267	3.125	3.253	24.558	1589.184
%RSD		173.205	173.205	114.564	0.000	21.209	22.222	0.895	3.540	0.365
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	04:31:59	473364.780	28.125	45.313	59.375	54.688	126.563	429412.970	2473.652	
2	04:33:08	472202.240	25.000	50.000	50.000	46.875	126.563	430676.730	2368.946	
3	04:34:15	473900.870	17.188	48.438	43.750	51.563	112.500	432721.530	2389.262	
X		473155.960	23.438	47.917	51.042	51.042	121.876	430937.080	2410.620	
σ		868.355	5.634	2.387	7.864	3.932	8.119	1669.572	55.524	
%RSD		0.184	24.037	4.981	15.408	7.704	6.662	0.387	2.303	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:39:58	13852.025	2.083	312.503	240.627	3192892.600	524480.350	69733.846	84371.855	414.068
2	04:41:06	14314.981	0.521	310.941	215.627	3206811.800	524386.180	70435.715	84269.692	423.444
3	04:42:14	14236.778	0.521	342.192	234.377	3217247.600	532248.170	71387.296	84167.530	428.131
X		14134.595	1.042	321.879	230.210	3205650.600	527038.230	70518.952	84269.693	421.881
σ		247.817	0.902	17.609	13.011	12218.927	4512.182	829.861	102.162	7.160
%RSD		1.753	86.603	5.471	5.652	0.381	0.856	1.177	0.121	1.697
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:39:58	46331.259	807.835	24912.328	90567.429	194081.340	7889.678	134047.850	54960.206	4.688
2	04:41:06	46375.151	785.959	24899.806	91350.516	192633.820	7756.793	132939.120	54789.239	7.813
3	04:42:14	47572.829	853.150	25059.460	92476.476	194535.900	8214.861	135235.520	55587.627	10.938
X		46759.746	815.648	24957.198	91464.807	193750.360	7953.777	134074.160	55112.357	7.813
σ		704.492	34.270	88.782	959.641	993.297	235.665	1148.428	420.379	3.125
%RSD		1.507	4.202	0.356	1.049	0.513	2.963	0.857	0.763	40.000
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:39:58	13579.889	326.566	4364.729	2520.535	157.813	32505.690	1429.759	14.063	46.875
2	04:41:06	13723.776	350.004	4286.581	2481.465	167.188	32524.482	1575.087	15.625	34.375
3	04:42:14	13697.188	321.879	4353.788	2528.349	165.626	32461.840	1356.314	17.188	46.875
X		13666.951	332.816	4335.033	2510.116	163.543	32497.337	1453.720	15.625	42.708
σ		76.561	15.069	42.316	25.118	5.023	32.145	111.337	1.563	7.217
%RSD		0.560	4.528	0.976	1.001	3.071	0.099	7.659	10.000	16.898
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:39:58	245.315	95.313	326.566	141.667	50.000	50.000	138.542	18.750	19.792
2	04:41:06	217.189	101.563	343.754	138.542	35.938	35.938	142.709	21.354	20.313
3	04:42:14	226.564	103.125	345.317	135.938	51.563	51.563	146.876	17.708	18.750
X		229.689	100.000	338.546	138.716	45.833	45.833	142.709	19.271	19.618
σ		14.321	4.134	10.404	2.869	8.606	8.606	4.167	1.878	0.796
%RSD		6.235	4.134	3.073	2.068	18.776	18.776	2.920	9.745	4.055
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:39:58	23.438	9.375	23.438	14.063	25.000	3.125	158167.650	104.688	3.125
2	04:41:06	12.500	18.750	14.063	14.063	32.813	0.000	160325.880	125.001	1.563
3	04:42:14	7.813	23.438	18.750	18.750	92.188	0.000	160886.820	107.813	1.563
X		14.583	17.188	18.750	15.625	50.000	1.042	159793.450	112.500	2.083
σ		8.018	7.160	4.688	2.706	36.744	1.804	1435.650	10.938	0.902
%RSD		54.981	41.660	25.000	17.321	73.487	173.205	0.898	9.722	43.301
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:39:58	1.563	1.563	3.125	0.000	43.750	9.375	337.504	498.446	436815.200
2	04:41:06	0.000	0.000	6.250	1.563	54.688	10.938	321.879	495.321	434265.780
3	04:42:14	0.000	0.000	4.688	1.563	48.438	9.375	320.316	523.447	439748.480
X		0.521	0.521	4.688	1.042	48.958	9.896	326.566	505.738	436943.150
σ		0.902	0.902	1.563	0.902	5.487	0.902	9.505	15.416	2743.587
%RSD		173.205	173.205	33.333	86.603	11.208	9.116	2.910	3.048	0.628
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	04:39:58	470490.890	34.375	54.688	106.250	79.688	204.689	423671.880	2079.839	
2	04:41:06	471359.460	15.625	60.938	81.250	84.375	235.939	430082.670	2081.402	
3	04:42:14	474884.300	21.875	48.438	98.438	81.250	235.939	432872.880	2134.535	
X		472244.880	23.958	54.688	95.313	81.771	225.523	428875.810	2098.592	
σ		2326.688	9.547	6.250	12.790	2.387	18.042	4717.734	31.137	
%RSD		0.493	39.849	11.429	13.419	2.919	8.000	1.100	1.484	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:47:55	12444.480	21869.331	4294.395	309.378	16680801.000	11995428.000	1642923.300	1948914.900	2767736.700
2	04:49:03	12471.066	21517.234	4272.514	245.315	16606427.000	11955207.000	1624494.600	1938197.500	2770875.900
3	04:50:11	12425.714	21666.418	4383.485	264.065	16553730.000	11976996.000	1606827.600	1921919.900	2711837.900
x		12447.087	21684.328	4316.798	272.919	16613652.000	11975877.000	1624748.500	1936344.100	2750150.100
σ		22.788	176.730	58.780	32.937	63842.974	20133.888	18049.228	13592.613	33216.469
%RSD		0.183	0.815	1.362	12.068	0.384	0.168	1.111	0.702	1.208
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:47:55	23685.243	135612.510	15011.007	63384.053	8259328.800	43354.687	647936.690	49730.158	20550.708
2	04:49:03	23622.640	135379.060	15475.565	64423.060	8186110.800	42369.091	630588.820	48270.476	20744.739
3	04:50:11	23484.913	135492.630	14918.723	64598.851	8173339.700	42366.201	636537.880	49013.625	20725.961
x		23597.599	135494.730	15135.099	64135.321	8206259.800	42696.660	638354.460	49004.753	20673.803
σ		102.486	116.738	298.441	656.528	46400.590	569.871	8815.445	729.881	107.015
%RSD		0.434	0.086	1.972	1.024	0.565	1.335	1.381	1.489	0.518
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:47:55	324944.680	311482.570	40533.986	1177546.500	885352.320	20166497.000	498234.520	374480.690	80886.156
2	04:49:03	321609.540	306843.140	39955.798	1178313.900	889925.310	20166654.000	495736.910	371757.820	80318.906
3	04:50:11	319997.370	308519.290	39788.144	1178290.100	884840.790	19923626.000	498695.420	373205.780	80430.469
x		322183.860	308948.330	40092.643	1178050.200	886706.140	20085593.000	497555.620	373148.100	80545.177
σ		2523.166	2349.280	391.299	436.361	2799.590	140267.240	1591.814	1362.353	300.519
%RSD		0.783	0.760	0.976	0.037	0.316	0.698	0.320	0.365	0.373
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:47:55	407719.180	195864.810	152921.930	58614.272	4028.693	4028.693	12647.784	5353.086	22.917
2	04:49:03	403423.200	196818.410	153157.250	58193.285	3903.658	3903.658	12589.920	5424.988	18.229
3	04:50:11	405819.340	195199.550	153173.040	57489.402	3845.830	3845.830	12531.014	5371.843	19.271
x		405653.900	195960.930	153084.070	58098.986	3926.061	3926.061	12589.573	5383.306	20.139
σ		2152.761	813.698	140.639	568.333	93.467	93.467	58.386	37.296	2.461
%RSD		0.531	0.415	0.092	0.978	2.381	2.381	0.464	0.693	12.222
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:47:55	72444.158	126860.790	139551.740	81833.717	214055.830	0.000	141418.400	8646.366	397636.170
2	04:49:03	71762.606	128196.070	138215.400	81483.285	210268.960	3.125	139856.260	8624.478	399449.790
3	04:50:11	72604.344	128088.860	138521.470	81420.428	211493.090	3.125	140601.010	8715.158	395811.540
x		72270.369	127715.240	138762.870	81579.143	211939.290	2.083	140625.220	8662.000	397632.500
σ		446.970	741.915	700.109	222.696	1932.465	1.804	781.352	47.319	1819.130
%RSD		0.618	0.581	0.505	0.273	0.912	86.603	0.556	0.546	0.457
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:47:55	6621.847	6621.847	393574.420	102060.150	275294.420	390082.140	349268.020	623353.300	403167.700
2	04:49:03	6549.939	6549.939	392757.070	101710.790	275197.260	389886.270	348454.770	622527.820	402835.070
3	04:50:11	6751.595	6751.595	389595.690	101490.490	274620.700	388574.690	353949.910	621795.370	406592.420
x		6641.127	6641.127	391975.730	101753.810	275037.460	389514.370	350557.570	622558.830	404198.400
σ		102.201	102.201	2101.298	287.257	364.180	819.654	2965.863	779.426	2079.947
%RSD		1.539	1.539	0.536	0.282	0.132	0.210	0.846	0.125	0.515
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	04:47:55	438488.750	828943.960	1998331.600	666789.210	629727.030	1477688.300	389202.370	4019772.300	
2	04:49:03	438989.730	835740.490	2010784.300	668451.760	631227.040	1495517.700	391734.240	4005177.100	
3	04:50:11	439092.830	831735.340	2011393.000	661810.850	631489.840	1496552.500	392492.130	3970058.200	
x		438857.100	832139.930	2006836.300	665683.940	630814.630	1489919.500	391142.910	3998335.800	
σ		323.138	3416.278	7371.568	3455.667	951.017	10605.133	1722.752	25553.385	
%RSD		0.074	0.411	0.367	0.519	0.151	0.712	0.440	0.639	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	04:55:50	12868.293	3.646	103.125	207.814	103265.640	1020.349	118.750	148.438	493.759
2	04:56:58	12855.782	2.604	104.688	221.877	104641.220	1567.274	237.502	232.814	521.885
3	04:58:06	12810.429	11.979	67.188	231.252	107161.360	3805.194	504.696	610.951	1084.416
X		12844.835	6.076	91.667	220.314	105022.740	2130.939	286.983	330.734	700.020
σ		30.446	5.138	21.214	11.797	1975.685	1475.510	197.674	246.314	333.194
%RSD		0.237	84.564	23.143	5.355	1.881	69.242	68.880	74.475	47.598
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	04:55:50	390.630	778.146	15535.005	65678.758	79977.939	10.938	400.006	50576.872	12.500
2	04:56:58	465.633	829.712	15495.900	66181.068	79611.840	9.375	448.445	50209.957	9.375
3	04:58:06	481.258	881.277	15589.752	66501.300	80736.878	23.438	582.824	50754.062	9.375
X		445.840	829.712	15540.219	66120.376	80108.886	14.583	477.092	50513.630	10.417
σ		48.447	51.565	47.143	414.616	573.836	7.708	94.716	277.511	1.804
%RSD		10.867	6.215	0.303	0.627	0.716	52.852	19.853	0.549	17.321
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	04:55:50	8980.947	229.689	3025.320	2331.440	201.564	27659.563	895.341	17.188	31.250
2	04:56:58	8869.940	271.878	2937.802	2495.530	207.814	28719.464	965.658	42.188	29.688
3	04:58:06	8641.675	315.628	2925.300	2520.535	381.255	32291.141	1007.848	114.063	50.000
X		8830.854	272.398	2962.807	2449.169	263.544	29556.723	956.282	57.813	36.979
σ		172.980	42.972	54.498	102.719	101.988	2426.650	56.837	50.292	11.303
%RSD		1.959	15.775	1.839	4.194	38.699	8.210	5.944	86.992	30.567
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	04:55:50	57.813	28.125	37.500	83.854	32.813	32.813	123.959	11.979	20.313
2	04:56:58	82.813	28.125	45.313	73.959	32.813	32.813	123.959	14.583	20.833
3	04:58:06	159.376	67.188	123.438	95.313	26.563	26.563	113.021	17.188	21.354
X		100.000	41.146	68.750	84.375	30.729	30.729	120.313	14.583	20.833
σ		52.918	22.553	47.522	10.687	3.608	3.608	6.315	2.604	0.521
%RSD		52.918	54.812	69.122	12.666	11.743	11.743	5.249	17.857	2.500
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	04:55:50	39.063	40.625	70.313	37.500	93.750	1.563	147962.300	92.188	31.250
2	04:56:58	26.563	46.875	50.000	31.250	78.125	0.000	149029.560	120.313	60.938
3	04:58:06	42.188	53.125	60.938	39.063	100.000	0.000	148409.090	95.313	112.500
X		35.938	46.875	60.417	35.938	90.625	0.521	148466.980	102.605	68.229
σ		8.268	6.250	10.166	4.134	11.267	0.902	535.979	15.415	41.113
%RSD		23.007	13.333	16.827	11.503	12.433	173.205	0.361	15.024	60.257
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	04:55:50	0.000	0.000	46.875	4.688	223.439	379.693	17.188	23.438	406552.240
2	04:56:58	0.000	0.000	54.688	4.688	204.689	290.628	40.625	53.125	407642.020
3	04:58:06	1.563	1.563	106.250	34.375	203.126	301.566	115.625	168.751	410559.750
X		0.521	0.521	69.271	14.583	210.418	323.962	57.813	81.771	408251.340
σ		0.902	0.902	32.262	17.140	11.304	48.573	51.421	76.775	2072.073
%RSD		173.205	173.205	46.574	117.532	5.372	14.993	88.943	93.890	0.508
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	04:55:50	439163.710	104.688	214.064	70.313	62.500	153.126	405843.450	339.067	
2	04:56:58	441929.890	114.063	300.003	100.000	100.000	243.752	407852.590	420.319	
3	04:58:06	446051.950	243.752	528.135	203.126	176.564	462.507	411140.150	1117.231	
X		442381.850	154.168	347.401	124.480	113.021	286.462	408278.730	625.539	
σ		3466.291	77.724	162.311	69.709	58.136	159.051	2673.943	427.752	
%RSD		0.784	50.415	46.722	56.000	51.438	55.523	0.655	68.381	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:03:46	12658.731	6.250	7473.829	353.129	66863266.000	7323104.300	999197.790	1180714.500	1146.921
2	05:04:54	12816.684	6.250	7467.576	390.630	67027314.000	7408331.400	1007463.300	1202168.000	776.584
3	05:06:02	12938.669	6.250	7777.116	393.755	68383427.000	7436816.800	1016123.700	1209820.700	789.084
X		12804.695	6.250	7572.841	379.172	67424669.000	7389417.500	1007594.900	1197567.700	904.196
σ		140.354	0.000	176.936	22.607	834350.230	59168.695	8463.721	15088.556	210.299
%RSD		1.096	0.000	2.336	5.962	1.237	0.801	0.840	1.260	23.258
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:03:46	631888.130	760.958	182373.910	498016.370	2358474.400	108537.310	1863606.000	49099.858	68.750
2	05:04:54	646541.170	710.955	185202.140	517121.240	2372820.000	108408.210	1870656.000	48971.293	65.625
3	05:06:02	646848.370	793.772	184906.150	523600.970	2400407.900	111946.280	1885907.100	49596.883	35.938
X		641759.220	755.228	184160.730	512912.860	2377234.100	109630.600	1873389.700	49222.678	56.771
σ		8549.994	41.705	1554.494	13301.347	21312.418	2006.475	11399.078	330.385	18.110
%RSD		1.332	5.522	0.844	2.593	0.897	1.830	0.608	0.671	31.900
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:03:46	84951.840	1859.496	25630.785	2583.046	550.011	36192.664	8113.241	240.627	232.814
2	05:04:54	87325.463	1829.805	26590.349	2511.158	460.945	34314.600	7825.580	182.814	204.689
3	05:06:02	89471.493	1865.747	26817.335	2517.409	473.445	34407.010	7974.100	201.564	201.564
X		87249.598	1851.682	26346.156	2537.204	494.800	34971.425	7970.974	208.335	213.022
σ		2260.782	19.203	629.840	39.823	48.220	1058.633	143.856	29.495	17.211
%RSD		2.591	1.037	2.391	1.570	9.745	3.027	1.805	14.158	8.080
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:03:46	1043.788	496.884	768.771	1039.100	264.065	264.065	396.360	158.855	14.063
2	05:04:54	925.030	518.759	754.707	1180.778	389.068	389.068	426.569	165.105	17.188
3	05:06:02	954.719	457.820	775.021	1213.593	348.442	348.442	398.443	161.980	15.625
X		974.512	491.154	766.166	1144.491	333.858	333.858	407.124	161.980	15.625
σ		61.804	30.871	10.404	92.734	63.765	63.765	16.872	3.125	1.563
%RSD		6.342	6.285	1.358	8.103	19.099	19.099	4.144	1.929	10.000
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:03:46	337.504	575.012	562.511	376.567	956.282	1.563	135211.860	87.500	70.313
2	05:04:54	284.378	573.449	650.015	357.817	881.277	3.125	137546.490	103.125	60.938
3	05:06:02	310.941	612.513	610.951	345.317	865.651	1.563	137215.210	89.063	56.250
X		310.941	586.991	607.825	359.900	901.070	2.083	136657.850	93.229	62.500
σ		26.563	22.116	43.835	15.729	48.449	0.902	1263.172	8.606	7.160
%RSD		8.543	3.768	7.212	4.370	5.377	43.301	0.924	9.231	11.456
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:03:46	1.563	1.563	96.875	29.688	139.063	214.064	5999.697	10630.516	393582.450
2	05:04:54	0.000	0.000	32.813	17.188	156.251	184.376	6143.508	10800.957	402026.840
3	05:06:02	1.563	1.563	50.000	7.813	142.188	176.564	5968.434	10683.681	405809.700
X		1.042	1.042	59.896	18.229	145.834	191.668	6037.213	10705.051	400473.000
σ		0.902	0.902	33.158	10.975	9.156	19.785	93.372	87.207	6259.967
%RSD		86.603	86.603	55.359	60.204	6.278	10.323	1.547	0.815	1.563
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	05:03:46	431884.250	329.691	693.767	896.903	776.584	1928.255	376931.390	89048.550	
2	05:04:54	438891.470	173.439	496.884	682.829	610.951	1607.903	384743.370	89685.328	
3	05:06:02	439321.580	150.001	359.380	676.579	687.517	1539.145	387430.160	90905.504	
X		436699.100	217.710	516.677	752.104	691.684	1691.768	383034.980	89879.794	
σ		4175.320	97.684	168.070	125.439	82.895	207.669	5453.898	943.627	
%RSD		0.956	44.869	32.529	16.678	11.985	12.275	1.424	1.050	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:11:42	14011.555	2.604	10711.827	354.692	145426110.000	21349972.000	2904572.700	3475097.200	661.154
2	05:12:50	13887.997	2.083	10455.387	379.693	146372830.000	21377554.000	2886074.700	3469901.300	424.284
3	05:13:58	14078.809	2.083	10700.881	410.943	144692710.000	21300262.000	2863735.100	3407612.300	260.297
x		13992.787	2.257	10622.698	381.776	145497220.000	21342596.000	2884794.200	3450870.300	448.578
σ		96.780	0.301	144.999	28.184	842312.190	39170.001	20448.892	37552.504	201.530
%RSD		0.692	13.323	1.365	7.382	0.579	0.184	0.709	1.088	44.926
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:11:42	1024438.300	821.899	284871.650	627122.370	3754096.500	326903.010	5351463.500	53601.049	68.750
2	05:12:50	1017606.200	759.395	285214.320	635381.840	3754336.300	326622.650	5377308.400	55308.611	79.688
3	05:13:58	1005716.300	757.833	281606.300	639529.660	3709267.800	327362.570	5351042.000	54776.460	65.625
x		1015920.300	779.709	283897.420	634011.290	3739233.500	326962.750	5359938.000	54562.040	71.354
σ		9474.180	36.546	1991.558	6316.169	25951.345	373.559	15044.723	873.741	7.384
%RSD		0.933	4.687	0.702	0.996	0.694	0.114	0.281	1.601	10.349
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:11:42	93863.603	2247.052	26515.209	4880.521	4788.302	84345.136	22425.400	685.954	3140.970
2	05:12:50	95507.256	2125.158	27225.919	5169.685	4641.379	85357.371	22074.855	729.706	3075.331
3	05:13:58	96990.638	2034.520	27787.937	4957.110	4805.496	84431.582	21247.039	762.520	3217.550
x		95453.832	2135.577	27176.355	5002.439	4745.059	84711.363	21915.764	726.060	3144.617
σ		1564.201	106.648	637.810	149.817	90.200	561.127	605.075	38.413	71.180
%RSD		1.639	4.994	2.347	2.995	1.901	0.662	2.761	5.291	2.264
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:11:42	1053.164	537.510	437.507	1542.792	493.759	493.759	683.350	326.566	21.875
2	05:12:50	1042.226	468.758	484.383	1571.961	478.133	478.133	683.871	350.525	17.188
3	05:13:58	1021.912	506.259	479.696	1653.742	464.070	464.070	705.226	346.358	15.625
x		1039.100	504.176	467.195	1589.498	478.654	478.654	690.815	341.150	18.229
σ		15.859	34.424	25.818	57.516	14.851	14.851	12.483	12.801	3.253
%RSD		1.526	6.828	5.526	3.619	3.103	3.103	1.807	3.752	17.843
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:11:42	-991.875	260.940	279.690	185.939	418.756	3.125	132404.500	93.750	34.375
2	05:12:50	-600.156	290.628	278.128	159.376	353.129	1.563	133163.070	92.188	32.813
3	05:13:58	-891.250	301.566	281.253	190.626	418.756	1.563	134595.140	106.250	31.250
x		-827.760	284.378	279.690	178.647	396.881	2.083	133387.570	97.396	32.813
σ		203.431	21.022	1.563	16.853	37.890	0.902	1112.443	7.708	1.563
%RSD		24.576	7.392	0.559	9.434	9.547	43.301	0.834	7.914	4.762
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:11:42	3.125	3.125	35.938	1.563	112.500	95.313	3103.462	5430.720	395787.450
2	05:12:50	1.563	1.563	29.688	4.688	132.813	85.938	2986.250	5391.642	402581.190
3	05:13:58	1.563	1.563	40.625	9.375	96.875	89.063	3048.763	5416.652	404041.880
x		2.083	2.083	35.417	5.208	114.063	90.104	3046.158	5413.005	400803.510
σ		0.902	0.902	5.487	3.932	18.020	4.774	58.650	19.792	4405.003
%RSD		43.301	43.301	15.494	75.498	15.798	5.298	1.925	0.366	1.099
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	05:11:42	429045.930	68.750	164.063	564.074	528.135	1198.488	368177.810	70134.237	
2	05:12:50	438501.640	51.563	140.626	498.446	464.070	1125.044	371494.860	70204.895	
3	05:13:58	440094.840	65.625	131.251	517.197	487.508	1107.855	374743.700	69094.815	
x		435880.800	61.979	145.313	526.572	493.238	1143.796	371472.120	69811.316	
σ		5972.533	9.155	16.901	33.803	32.414	48.138	3283.005	621.513	
%RSD		1.370	14.772	11.631	6.420	6.572	4.209	0.884	0.890	

C1852-14 MF3T62

04/30/2011 05:18:30 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:19:38	13071.603	3.125	7666.119	368.755	70106710.000	8992698.800	1231252.000	1461521.900	671.891
2	05:20:46	13318.706	2.604	7658.302	370.317	68440745.000	8867703.600	1200049.300	1426531.400	654.702
3	05:21:54	13360.933	2.604	7738.033	328.129	67937360.000	8702568.800	1187731.900	1419939.400	640.639
X		13250.414	2.778	7687.485	355.734	68828272.000	8854323.700	1206344.400	1435997.600	655.744
σ		156.288	0.301	43.950	23.919	1135408.400	145527.040	22432.579	22349.055	15.652
%RSD		1.179	10.825	0.572	6.724	1.650	1.644	1.860	1.556	2.387
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:19:38	938543.450	862.526	218844.760	540422.860	2528240.200	153360.980	2652201.000	48983.836	81.250
2	05:20:46	932270.800	879.715	216982.300	548091.240	2471535.000	150275.320	2584885.100	50484.359	65.625
3	05:21:54	916364.500	857.838	213572.110	545011.070	2477099.400	150033.740	2572785.400	50131.557	71.875
X		929059.580	866.693	216466.390	544508.390	2492291.600	151223.350	2603290.500	49866.584	72.917
σ		11432.864	11.518	2673.918	3858.827	31256.556	1855.180	42787.617	784.570	7.864
%RSD		1.231	1.329	1.235	0.709	1.254	1.227	1.644	1.573	10.786
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:19:38	101567.590	851.588	27202.437	2240.801	434.382	33293.438	10829.103	204.689	342.192
2	05:20:46	104452.340	815.648	28876.029	2217.360	392.193	32402.330	10363.132	179.689	309.378
3	05:21:54	105721.000	787.522	29256.490	2306.436	376.567	32615.314	9876.851	195.314	312.503
X		103913.650	818.253	28444.985	2254.865	401.047	32770.361	10356.362	193.230	321.358
σ		2128.461	32.112	1092.764	46.174	29.907	465.347	476.162	12.630	18.110
%RSD		2.048	3.925	3.842	2.048	7.457	1.420	4.598	6.536	5.636
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:19:38	5454.166	2692.441	1998.577	1633.427	389.068	389.068	575.532	271.357	16.146
2	05:20:46	5294.731	2748.702	1945.445	1608.945	442.194	442.194	540.114	235.939	15.104
3	05:21:54	5313.488	2665.874	2029.832	1643.324	382.818	382.818	511.988	236.460	16.146
X		5354.128	2702.339	1991.285	1628.565	404.693	404.693	542.545	247.919	15.799
σ		87.141	42.292	42.663	17.698	32.627	32.627	31.842	20.300	0.601
%RSD		1.628	1.565	2.143	1.087	8.062	8.062	5.869	8.188	3.807
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:19:38	201.564	376.567	340.629	207.814	614.076	4.688	133336.550	107.813	50.000
2	05:20:46	187.501	312.503	371.880	214.064	490.633	3.125	137093.740	100.000	26.563
3	05:21:54	171.876	359.380	328.129	250.002	521.885	1.563	136920.210	64.063	29.688
X		186.980	349.483	346.879	223.960	542.198	3.125	135783.500	90.625	35.417
σ		14.851	33.159	22.535	22.769	64.179	1.563	2120.895	23.333	12.726
%RSD		7.942	9.488	6.497	10.166	11.837	50.000	1.562	25.747	35.932
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:19:38	3.125	3.125	39.063	10.938	131.251	98.438	4350.662	7781.806	393869.900
2	05:20:46	0.000	0.000	20.313	3.125	126.563	81.250	4278.766	7587.952	412428.050
3	05:21:54	1.563	1.563	29.688	6.250	126.563	73.438	4274.077	7631.725	406079.710
X		1.563	1.563	29.688	6.771	128.126	84.375	4301.168	7667.161	404125.890
σ		1.563	1.563	9.375	3.932	2.706	12.790	42.927	101.669	9432.088
%RSD		100.000	100.000	31.579	58.076	2.112	15.158	0.998	1.326	2.334
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	05:19:38	426885.770	34.375	100.000	2109.531	1789.175	4567.918	369030.650	47927.136	
2	05:20:46	445808.590	31.250	70.313	2047.022	1906.377	4320.966	390353.460	47538.340	
3	05:21:54	441539.980	28.125	96.875	2129.846	1845.432	4511.650	384886.200	46973.978	
X		438078.110	31.250	89.063	2095.466	1846.995	4466.845	381423.440	47479.818	
σ		9925.052	3.125	16.313	43.166	58.617	129.429	11075.136	479.266	
%RSD		2.266	10.000	18.316	2.060	3.174	2.898	2.904	1.009	

C1852-15 MF3T63

04/30/2011 05:26:26 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:27:34	12952.744	2.604	7351.891	370.317	67013364.000	8676748.200	1157383.200	1377884.800	518.759
2	05:28:42	12926.158	4.167	7475.393	396.881	66222937.000	8556563.300	1150064.000	1374300.500	429.694
3	05:29:51	12721.287	2.604	7455.070	432.819	66652495.000	8554522.100	1154905.900	1377991.300	504.696
X		12866.730	3.125	7427.451	400.006	66629599.000	8595944.500	1154117.700	1376725.600	484.383
σ		126.657	0.902	66.221	31.368	395710.400	69985.430	3722.697	2100.818	47.881
%RSD		0.984	28.868	0.892	7.842	0.594	0.814	0.323	0.153	9.885
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:27:34	899803.690	900.028	213316.780	529765.870	2421187.100	146227.390	2540722.000	49258.214	60.938
2	05:28:42	903258.700	742.207	212709.380	535771.220	2398286.000	146525.730	2501161.000	48450.773	53.125
3	05:29:51	901875.270	807.835	214691.830	541623.310	2414194.800	146014.290	2509650.000	49432.251	81.250
X		901645.890	816.690	213572.660	535720.140	2411222.600	146255.800	2517177.600	49047.079	65.104
σ		1738.889	79.283	1015.695	5928.884	11736.280	256.905	20827.092	523.697	14.518
%RSD		0.193	9.708	0.476	1.107	0.487	0.176	0.827	1.068	22.300
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:27:34	101712.370	720.331	28484.620	2173.603	395.318	31462.734	10152.043	218.752	318.754
2	05:28:42	105420.350	762.520	29323.815	2123.595	362.505	31824.471	9435.928	182.814	259.377
3	05:29:51	107838.300	789.084	29831.114	2222.048	382.818	31467.431	9148.241	156.251	301.566
X		104990.340	757.312	29213.183	2173.082	380.213	31584.879	9578.737	185.939	293.232
σ		3085.522	34.671	680.030	49.228	16.561	207.506	516.915	31.367	30.553
%RSD		2.939	4.578	2.328	2.265	4.356	0.657	5.396	16.870	10.419
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:27:34	1285.995	575.012	628.139	1626.655	442.194	442.194	565.636	251.044	18.750
2	05:28:42	1212.552	617.201	660.953	1654.783	409.381	409.381	520.322	211.981	18.750
3	05:29:51	1145.358	598.450	587.512	1651.137	400.006	400.006	547.406	226.564	19.271
X		1214.635	596.887	625.535	1644.192	417.194	417.194	544.455	229.863	18.924
σ		70.342	21.138	36.790	15.296	22.153	22.153	22.801	19.739	0.301
%RSD		5.791	3.541	5.881	0.930	5.310	5.310	4.188	8.587	1.589
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:27:34	137.501	359.380	357.817	196.876	490.633	1.563	135509.980	87.500	26.563
2	05:28:42	184.376	323.441	337.504	245.315	535.948	0.000	135435.850	85.938	21.875
3	05:29:51	189.064	298.441	309.378	221.877	503.134	0.000	135571.500	59.375	6.250
X		170.314	327.087	334.900	221.356	509.905	0.521	135505.780	77.604	18.229
σ		28.513	30.633	24.324	24.223	23.404	0.902	67.924	15.806	10.636
%RSD		16.742	9.365	7.263	10.943	4.590	173.205	0.050	20.368	58.345
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:27:34	6.250	6.250	17.188	3.125	56.250	68.750	4136.536	7389.411	399218.460
2	05:28:42	0.000	0.000	14.063	0.000	57.813	65.625	4339.722	7566.066	403800.830
3	05:29:51	0.000	0.000	15.625	3.125	65.625	54.688	4145.914	7364.398	401970.600
X		2.083	2.083	15.625	2.083	59.896	63.021	4207.391	7439.958	401663.300
σ		3.608	3.608	1.563	1.804	5.023	7.384	114.698	109.926	2306.593
%RSD		173.205	173.205	10.000	86.603	8.386	11.717	2.726	1.478	0.574
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	05:27:34	436327.180	29.688	75.000	671.891	571.886	1342.251	382358.740	45923.696	
2	05:28:42	438698.160	26.563	43.750	693.767	562.511	1459.449	383867.140	46188.611	
3	05:29:51	437230.750	17.188	46.875	709.393	596.887	1529.769	381749.000	46282.664	
X		437418.700	24.479	55.208	691.683	577.095	1443.823	382658.290	46131.657	
σ		1196.611	6.505	17.211	18.838	17.770	94.731	1090.380	186.138	
%RSD		0.274	26.574	31.175	2.723	3.079	6.561	0.285	0.403	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:35:32	13609.605	2.083	9531.304	350.004	135006810.000	24985521.000	3406690.000	4059546.700	85.898
2	05:36:40	13992.787	3.125	9551.630	404.693	137379840.000	25430975.000	3442221.600	4055559.900	67.677
3	05:37:48	13817.617	0.000	9628.244	376.567	135894770.000	25065808.000	3416707.000	4064367.900	299.341
X		13806.669	1.736	9570.392	377.088	136093810.000	25160768.000	3421872.900	4059824.800	150.972
σ		191.826	1.591	51.121	27.348	1198969.400	237424.030	18320.414	4410.586	128.814
%RSD		1.389	91.652	0.534	7.252	0.881	0.944	0.535	0.109	85.323
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:35:32	1014405.800	667.203	437264.580	634960.590	3438636.800	379130.960	6198838.900	54796.927	79.688
2	05:36:40	1029535.900	665.641	444398.470	656822.740	3480406.700	381977.920	6252935.900	55197.502	82.813
3	05:37:48	1029163.600	731.269	443202.800	664369.350	3488428.800	380431.600	6262980.200	56136.076	75.000
X		1024368.400	688.037	441621.950	652050.890	3469157.400	380513.490	6238251.700	55376.835	79.167
σ		8629.883	37.448	3820.660	15274.051	26734.272	1425.245	34499.931	687.350	3.932
%RSD		0.842	5.443	0.865	2.342	0.771	0.375	0.553	1.241	4.967
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:35:32	96979.626	773.458	27845.862	3681.724	4242.818	62269.793	23981.049	367.192	621.889
2	05:36:40	100815.420	820.336	29234.570	3619.208	4374.107	63087.431	23556.906	400.006	634.389
3	05:37:48	101651.000	828.149	29270.581	3745.804	4261.573	62883.410	24045.219	407.818	668.766
X		99815.346	807.314	28783.671	3682.245	4292.833	62746.878	23861.058	391.672	641.681
σ		2491.090	29.579	812.366	63.299	71.008	425.575	265.350	21.557	24.274
%RSD		2.496	3.664	2.822	1.719	1.654	0.678	1.112	5.504	3.783
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:35:32	1909.503	965.658	21024.835	1483.931	593.762	593.762	1009.932	505.738	20.313
2	05:36:40	1931.381	951.594	21666.418	1550.605	610.951	610.951	1078.687	516.155	14.583
3	05:37:48	1962.635	909.404	21578.785	1519.872	629.701	629.701	1058.893	545.844	17.708
X		1934.506	942.219	21423.346	1518.136	611.471	611.471	1049.170	522.579	17.535
σ		26.704	29.275	347.891	33.371	17.975	17.975	35.394	20.810	2.869
%RSD		1.380	3.107	1.624	2.198	2.940	2.940	3.373	3.982	16.359
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:35:32	-269.531	235.939	260.940	165.626	385.943	1.563	131206.020	73.438	18.750
2	05:36:40	-316.250	256.252	232.814	184.376	331.254	0.000	133842.810	79.688	9.375
3	05:37:48	-359.375	279.690	248.440	209.377	353.129	0.000	133268.730	75.000	17.188
X		-315.052	257.294	247.398	186.460	356.775	0.521	132772.520	76.042	15.104
σ		44.934	21.894	14.092	21.950	27.526	0.902	1386.664	3.253	5.023
%RSD		14.262	8.509	5.696	11.772	7.715	173.205	1.044	4.277	33.254
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:35:32	0.000	0.000	14.063	1.563	78.125	43.750	4782.050	9079.447	394276.190
2	05:36:40	3.125	3.125	23.438	4.688	62.500	51.563	5144.676	8991.891	402075.040
3	05:37:48	1.563	1.563	12.500	3.125	68.750	60.938	5069.649	8937.170	402590.830
X		1.563	1.563	16.667	3.125	69.792	52.083	4998.792	9002.836	399647.360
σ		1.563	1.563	5.916	1.563	7.864	8.606	191.416	71.767	4658.706
%RSD		100.000	100.000	35.493	50.000	11.268	16.523	3.829	0.797	1.166
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	05:35:32	430105.210	12.500	56.250	800.022	753.145	1681.349	365499.400	64782.492	
2	05:36:40	438406.600	21.875	50.000	779.709	704.705	1650.095	369106.000	66619.035	
3	05:37:48	438856.030	20.313	51.563	768.771	685.954	1695.413	370940.090	65448.015	
X		435789.280	18.229	52.604	782.834	714.601	1675.619	368515.160	65616.514	
σ		4927.676	5.023	3.253	15.859	34.671	23.196	2768.051	929.793	
%RSD		1.131	27.553	6.183	2.026	4.852	1.384	0.751	1.417	

C1852-12X25 MF3T86 04/30/2011 05:42:21 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:43:30	13766.004	0.521	576.574	223.439	3200985.600	347228.030	46602.451	55917.034	370.317
2	05:44:38	13046.580	3.125	557.823	256.252	3233310.000	355568.510	46999.060	55408.809	379.693
3	05:45:46	13410.979	1.042	512.509	253.127	3201990.700	349088.540	46307.745	55413.515	403.131
X		13407.855	1.563	548.969	244.273	3212095.400	350628.360	46636.419	55579.786	384.380
σ		359.723	1.378	32.938	18.110	18379.217	4378.261	346.907	292.075	16.901
%RSD		2.683	88.192	6.000	7.414	0.572	1.249	0.744	0.526	4.397
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:43:30	28616.132	801.585	22641.365	101802.070	191742.260	5146.239	83428.841	53766.615	1.563
2	05:44:38	29815.456	804.710	22246.997	99545.622	193349.650	5064.960	84727.073	51870.561	3.125
3	05:45:46	28966.838	779.709	22943.409	99724.992	191382.800	5111.852	84211.539	52729.949	9.375
X		29132.809	795.335	22610.590	100357.560	192158.240	5107.684	84122.484	52789.042	4.688
σ		616.648	13.622	349.225	1254.189	1047.328	40.800	653.682	949.407	4.134
%RSD		2.117	1.713	1.545	1.250	0.545	0.799	0.777	1.798	88.192
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:43:30	24377.031	420.319	8071.029	2561.167	190.626	30191.244	1071.915	10.938	35.938
2	05:44:38	23744.717	376.567	7789.623	2581.483	179.689	30078.507	1006.285	17.188	28.125
3	05:45:46	22959.059	362.505	7433.183	2643.995	198.439	30551.384	1028.162	4.688	43.750
X		23693.602	386.464	7764.612	2595.548	189.585	30273.712	1035.454	10.938	35.938
σ		710.366	30.151	319.658	43.168	9.418	246.989	33.417	6.250	7.813
%RSD		2.998	7.802	4.117	1.663	4.968	0.816	3.227	57.143	21.739
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:43:30	81.250	32.813	106.250	267.711	96.875	96.875	139.063	24.479	22.396
2	05:44:38	82.813	46.875	95.313	231.252	90.625	90.625	145.313	25.000	21.354
3	05:45:46	56.250	29.688	85.938	232.294	75.000	75.000	146.876	17.708	22.396
X		73.438	36.458	95.834	243.752	87.500	87.500	143.751	22.396	22.049
σ		14.905	9.155	10.166	20.755	11.267	11.267	4.134	4.068	0.601
%RSD		20.297	25.112	10.608	8.515	12.877	12.877	2.876	18.163	2.728
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:43:30	18.750	26.563	29.688	21.875	45.313	3.125	158412.530	75.000	3.125
2	05:44:38	21.875	23.438	28.125	17.188	46.875	0.000	152443.420	82.813	3.125
3	05:45:46	21.875	23.438	31.250	18.750	39.063	0.000	157870.640	59.375	1.563
X		20.833	24.479	29.688	19.271	43.750	1.042	156242.200	72.396	2.604
σ		1.804	1.804	1.563	2.387	4.134	1.804	3300.973	11.934	0.902
%RSD		8.660	7.370	5.263	12.385	9.449	173.205	2.113	16.484	34.641
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:43:30	1.563	1.563	0.000	1.563	50.000	18.750	275.003	475.008	440531.430
2	05:44:38	0.000	0.000	3.125	1.563	51.563	23.438	290.628	495.321	427402.440
3	05:45:46	0.000	0.000	4.688	0.000	64.063	20.313	287.503	510.947	435554.120
X		0.521	0.521	2.604	1.042	55.208	20.833	284.378	493.759	434496.000
σ		0.902	0.902	2.387	0.902	7.708	2.387	8.268	18.020	6628.143
%RSD		173.205	173.205	91.652	86.603	13.961	11.456	2.907	3.650	1.525
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	05:43:30	480188.500	12.500	37.500	64.063	64.063	139.063	434581.410	3838.016	
2	05:44:38	466673.380	6.250	29.688	103.125	73.438	140.626	419450.000	3928.665	
3	05:45:46	473839.510	12.500	39.063	75.000	75.000	153.126	432091.960	4009.938	
X		473567.130	10.417	35.417	80.729	70.834	144.272	428707.790	3925.539	
σ		6761.679	3.608	5.023	20.152	5.916	7.708	8113.530	86.004	
%RSD		1.428	34.641	14.182	24.962	8.351	5.343	1.893	2.191	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:51:27	13464.154	1.563	640.639	223.439	6963881.700	1025782.000	136295.530	162599.810	454.695
2	05:52:36	13830.129	2.083	587.512	214.064	6819581.500	1004232.100	135383.790	162677.240	493.759
3	05:53:44	13515.766	2.604	598.450	254.690	6770051.900	996792.630	133771.840	160965.830	453.132
X		13603.350	2.083	608.867	230.731	6851171.700	1008935.600	135150.390	162080.960	467.195
σ		198.085	0.521	28.054	21.272	100702.320	15056.133	1277.931	966.505	23.018
%RSD		1.456	25.000	4.608	9.219	1.470	1.492	0.946	0.596	4.927
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:51:27	49510.647	743.769	27535.887	98151.652	256038.130	14174.216	243023.110	52552.735	7.813
2	05:52:36	48312.807	814.086	27787.937	101396.070	255133.090	14125.730	241138.450	53692.901	10.938
3	05:53:44	47557.152	845.338	27582.853	99614.852	252990.800	14382.236	239006.190	53998.738	9.375
X		48460.202	801.064	27635.559	99720.857	254720.670	14227.394	241055.920	53414.791	9.375
σ		985.053	52.021	134.036	1624.804	1564.964	136.271	2009.732	762.063	1.563
%RSD		2.033	6.494	0.485	1.629	0.614	0.958	0.834	1.427	16.667
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:51:27	19915.435	400.006	6598.399	2719.009	389.068	33735.098	1771.985	35.938	170.314
2	05:52:36	19957.681	387.505	6481.157	2744.014	387.505	33841.599	1818.866	31.250	164.063
3	05:53:44	19338.080	375.005	6284.194	2856.536	378.130	33426.561	1926.692	34.375	164.063
X		19737.065	387.505	6454.583	2773.186	384.901	33667.753	1839.181	33.854	166.147
σ		346.177	12.500	158.779	73.258	5.916	215.559	79.329	2.387	3.608
%RSD		1.754	3.226	2.460	2.642	1.537	0.640	4.313	7.050	2.172
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:51:27	82.813	43.750	76.563	200.001	65.625	65.625	165.105	38.021	23.438
2	05:52:36	73.438	40.625	90.625	214.064	59.375	59.375	158.334	32.813	15.104
3	05:53:44	78.125	48.438	64.063	212.502	81.250	81.250	170.834	34.375	21.354
X		78.125	44.271	77.084	208.856	68.750	68.750	164.758	35.069	19.965
σ		4.688	3.932	13.289	7.708	11.267	11.267	6.257	2.673	4.337
%RSD		6.000	8.882	17.240	3.690	16.389	16.389	3.798	7.621	21.722
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:51:27	7.813	17.188	29.688	15.625	21.875	1.563	153176.200	85.938	17.188
2	05:52:36	14.063	10.938	10.938	10.938	14.063	3.125	157943.310	90.625	14.063
3	05:53:44	14.063	9.375	12.500	10.938	15.625	3.125	158711.130	110.938	4.688
X		11.979	12.500	17.708	12.500	17.188	2.604	156610.210	95.834	11.979
σ		3.608	4.134	10.404	2.706	4.134	0.902	2998.621	13.289	6.505
%RSD		30.123	33.072	58.750	21.651	24.052	34.641	1.915	13.867	54.304
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:51:27	0.000	0.000	12.500	0.000	48.438	6.250	135.938	235.939	425424.380
2	05:52:36	0.000	0.000	14.063	0.000	57.813	17.188	145.313	262.502	432594.320
3	05:53:44	0.000	0.000	12.500	0.000	53.125	21.875	121.876	250.002	435259.400
X		0.000	0.000	13.021	0.000	53.125	15.104	134.376	249.481	431092.700
σ		0.000	0.000	0.902	0.000	4.688	8.018	11.797	13.289	5086.556
%RSD		0.000	0.000	6.928	0.000	8.824	53.086	8.779	5.327	1.180
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	05:51:27	459949.570	23.438	64.063	70.313	48.438	143.751	416083.350	2987.812	
2	05:52:36	468369.750	17.188	42.188	70.313	60.938	120.313	424849.850	3067.517	
3	05:53:44	473067.680	15.625	37.500	78.125	54.688	121.876	426050.440	3020.632	
X		467129.000	18.750	47.917	72.917	54.688	128.646	422327.880	3025.320	
σ		6646.488	4.134	14.178	4.511	6.250	13.104	5441.138	40.059	
%RSD		1.423	22.048	29.588	6.186	11.429	10.186	1.288	1.324	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	05:59:26	13726.904	2.604	439.069	218.752	3171614.700	404697.660	53932.865	64815.454	639.077
2	06:00:34	13453.207	1.042	439.069	234.377	3167881.800	406349.470	53763.478	64989.680	582.824
3	06:01:42	13465.718	3.646	387.505	256.252	3196311.800	408930.250	54845.705	65714.861	607.825
X		13548.610	2.431	421.881	236.460	3178602.800	406659.130	54180.683	65173.332	609.909
σ		154.534	1.311	29.770	18.837	15449.620	2133.221	582.120	477.000	28.184
%RSD		1.141	53.927	7.057	7.966	0.486	0.525	1.074	0.732	4.621
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	05:59:26	41641.853	862.526	24048.349	92089.614	200341.880	6656.238	112117.930	53532.927	6.250
2	06:00:34	41839.304	803.148	24074.957	92372.683	198245.760	6667.180	111557.320	53274.150	6.250
3	06:01:42	42738.836	868.776	24123.476	93394.922	198171.300	6870.402	112050.220	52435.117	9.375
X		42073.331	844.817	24082.261	92619.073	198919.650	6731.273	111908.490	53080.731	7.292
σ		584.739	36.222	38.092	686.650	1232.257	120.613	306.001	573.895	1.804
%RSD		1.390	4.288	0.158	0.741	0.619	1.792	0.273	1.081	24.744
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	05:59:26	17853.336	317.191	5771.478	2553.353	734.394	32132.973	1353.189	12.500	40.625
2	06:00:34	17543.578	320.316	5723.021	2719.009	734.394	32147.067	1259.430	12.500	56.250
3	06:01:42	17714.101	329.691	5665.186	2568.981	621.889	32057.804	1323.499	15.625	50.000
X		17703.672	322.399	5719.895	2613.781	696.892	32112.615	1312.040	13.542	48.958
σ		155.142	6.505	53.215	91.464	64.955	47.988	47.918	1.804	7.864
%RSD		0.876	2.018	0.930	3.499	9.321	0.149	3.652	13.323	16.064
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	05:59:26	382.818	179.689	484.383	178.126	62.500	62.500	147.397	29.167	18.750
2	06:00:34	339.067	184.376	506.259	178.126	59.375	59.375	147.397	25.521	20.313
3	06:01:42	356.254	165.626	545.323	196.356	53.125	53.125	141.147	23.438	23.438
X		359.380	176.564	511.988	184.203	58.333	58.333	145.313	26.042	20.833
σ		22.042	9.758	30.871	10.525	4.774	4.774	3.608	2.900	2.387
%RSD		6.133	5.527	6.030	5.714	8.183	8.183	2.483	11.136	11.456
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	05:59:26	9.375	26.563	23.438	18.750	40.625	0.000	156591.050	126.563	3.125
2	06:00:34	12.500	17.188	23.438	26.563	35.938	0.000	156204.030	90.625	9.375
3	06:01:42	15.625	17.188	17.188	12.500	25.000	1.563	153471.530	81.250	6.250
X		12.500	20.313	21.354	19.271	33.854	0.521	155422.200	99.480	6.250
σ		3.125	5.413	3.608	7.046	8.018	0.902	1700.379	23.919	3.125
%RSD		25.000	26.647	16.898	36.562	23.684	173.205	1.094	24.044	50.000
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	05:59:26	1.563	1.563	7.813	3.125	220.314	20.313	179.689	348.442	430093.940
2	06:00:34	1.563	1.563	12.500	4.688	221.877	10.938	210.939	321.879	427066.040
3	06:01:42	1.563	1.563	4.688	1.563	234.377	12.500	175.001	350.004	421699.150
X		1.563	1.563	8.333	3.125	225.523	14.583	188.543	340.108	426286.380
σ		0.000	0.000	3.932	1.563	7.708	5.023	19.537	15.807	4251.354
%RSD		0.000	0.000	47.186	50.000	3.418	34.442	10.362	4.648	0.997
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	05:59:26	464754.510	23.438	68.750	167.188	126.563	362.505	422593.760	2103.280	
2	06:00:34	460538.400	18.750	76.563	168.751	154.688	323.441	419779.790	1920.442	
3	06:01:42	457760.600	34.375	71.875	178.126	146.876	359.380	413489.330	1986.075	
X		461017.840	25.521	72.396	171.355	142.709	348.442	418620.960	2003.266	
σ		3521.515	8.018	3.932	5.916	14.518	21.707	4661.529	92.623	
%RSD		0.764	31.418	5.432	3.452	10.173	6.230	1.114	4.624	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:07:25	13317.142	1.042	403.131	225.002	3126986.900	398439.120	53612.914	63418.580	395.318
2	06:08:33	13827.001	1.042	407.818	232.814	3115885.800	397344.700	52569.986	63351.094	404.693
3	06:09:41	13787.901	1.563	395.318	270.315	3120322.000	396018.680	53021.651	62760.998	425.006
X		13644.014	1.215	402.089	242.710	3121064.900	397267.500	53068.183	63176.891	408.339
σ		283.754	0.301	6.315	24.223	5587.720	1212.067	523.019	361.751	15.176
%RSD		2.080	24.744	1.571	9.980	0.179	0.305	0.986	0.573	3.717
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:07:25	41560.366	790.647	23632.030	91180.686	186506.440	6610.904	108708.920	53197.302	10.938
2	06:08:33	40874.015	898.466	24254.948	90881.917	187312.190	6714.077	107992.580	53451.372	6.250
3	06:09:41	41491.416	801.585	23808.886	91712.198	185776.710	6428.008	108907.300	52797.385	6.250
X		41308.599	830.233	23898.622	91258.267	186531.780	6584.330	108536.270	53148.686	7.813
σ		377.936	59.344	321.008	420.542	768.054	144.874	481.180	329.693	2.706
%RSD		0.915	7.148	1.343	0.461	0.412	2.200	0.443	0.620	34.641
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:07:25	15832.206	290.628	5179.064	2425.206	146.876	31030.540	1315.686	12.500	21.875
2	06:08:33	16037.122	287.503	5019.632	2484.591	157.813	30820.711	1212.552	17.188	42.188
3	06:09:41	15965.166	303.128	4983.682	2518.972	154.688	31349.986	1365.690	14.063	35.938
X		15944.831	293.753	5060.792	2476.256	153.126	31067.079	1297.976	14.583	33.333
σ		103.960	8.268	103.991	47.436	5.634	266.523	78.090	2.387	10.404
%RSD		0.652	2.815	2.055	1.916	3.679	0.858	6.016	16.366	31.211
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:07:25	89.063	40.625	57.813	166.147	54.688	54.688	147.917	25.000	17.708
2	06:08:33	98.438	32.813	53.125	162.501	62.500	62.500	133.334	19.792	16.667
3	06:09:41	96.875	31.250	51.563	183.335	53.125	53.125	150.001	32.292	19.271
X		94.792	34.896	54.167	170.661	56.771	56.771	143.751	25.694	17.882
σ		5.023	5.023	3.253	11.126	5.023	5.023	9.081	6.279	1.311
%RSD		5.299	14.394	6.005	6.519	8.847	8.847	6.317	24.437	7.330
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:07:25	18.750	21.875	20.313	18.750	12.500	0.000	153959.550	90.625	15.625
2	06:08:33	14.063	9.375	12.500	9.375	40.625	1.563	156749.020	103.125	7.813
3	06:09:41	14.063	6.250	6.250	15.625	26.563	3.125	157693.700	75.000	6.250
X		15.625	12.500	13.021	14.583	26.563	1.563	156134.090	89.584	9.896
σ		2.706	8.268	7.046	4.774	14.063	1.563	1941.538	14.091	5.023
%RSD		17.321	66.144	54.111	32.733	52.941	100.000	1.244	15.730	50.756
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:07:25	0.000	0.000	4.688	1.563	60.938	9.375	171.876	326.566	426000.550
2	06:08:33	1.563	1.563	3.125	0.000	53.125	9.375	185.939	331.254	425506.460
3	06:09:41	0.000	0.000	0.000	0.000	32.813	9.375	190.626	335.941	425076.760
X		0.521	0.521	2.604	0.521	48.958	9.375	182.814	331.254	425527.930
σ		0.902	0.902	2.387	0.902	14.518	0.000	9.758	4.688	462.269
%RSD		173.205	173.205	91.652	173.205	29.654	0.000	5.338	1.415	0.109
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	06:07:25	460609.390	21.875	53.125	37.500	45.313	84.375	420574.530	2014.205	
2	06:08:33	458802.620	15.625	50.000	48.438	34.375	103.125	418676.230	2009.516	
3	06:09:41	461378.940	21.875	46.875	45.313	39.063	109.375	420310.680	2043.896	
X		460263.650	19.792	50.000	43.750	39.583	98.959	419853.810	2022.539	
σ		1322.502	3.608	3.125	5.634	5.487	13.011	1028.319	18.644	
%RSD		0.287	18.232	6.250	12.877	13.863	13.147	0.245	0.922	

C1852-16X25 MF3T65 04/30/2011 06:14:15 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:15:23	13326.525	2.083	485.946	221.877	6286652.200	1157720.300	155205.740	186270.580	487.508
2	06:16:32	13426.619	2.604	498.446	221.877	6188063.300	1149659.800	153817.410	186226.260	404.693
3	06:17:40	13609.605	1.042	478.133	240.627	6287880.700	1154465.100	154902.480	186224.680	407.818
X		13454.250	1.910	487.508	228.127	6254198.700	1153948.400	154641.880	186240.510	433.340
σ		143.548	0.796	10.246	10.825	57278.231	4055.017	729.932	26.058	46.937
%RSD		1.067	41.660	2.102	4.745	0.916	0.351	0.472	0.014	10.831
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:15:23	46431.584	757.833	33816.540	95194.240	232490.610	16257.683	269107.890	52994.989	10.938
2	06:16:32	46462.935	767.208	33305.967	96213.534	234421.790	16678.480	268676.450	53230.237	1.563
3	06:17:40	46431.584	754.707	33738.230	96669.723	234285.200	16540.820	272814.710	53316.495	4.688
X		46442.034	759.916	33620.246	96025.832	233732.530	16492.328	270199.680	53180.574	5.729
σ		18.101	6.506	274.975	755.438	1077.702	214.549	2274.932	166.407	4.774
%RSD		0.039	0.856	0.818	0.787	0.461	1.301	0.842	0.313	83.320
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:15:23	14649.695	289.065	4649.194	2542.414	325.004	32360.047	2117.344	17.188	51.563
2	06:16:32	14715.388	312.503	4707.025	2575.232	278.128	32942.626	1923.567	17.188	56.250
3	06:17:40	14548.029	325.004	4661.698	2654.934	304.691	32804.810	2004.828	18.750	64.063
X		14637.704	308.858	4672.639	2590.860	302.607	32702.494	2015.247	17.708	57.292
σ		84.321	18.244	30.429	57.865	23.507	304.468	97.308	0.902	6.315
%RSD		0.576	5.907	0.651	2.233	7.768	0.931	4.829	5.094	11.022
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:15:23	117.188	46.875	1081.291	155.730	40.625	40.625	161.459	39.063	18.750
2	06:16:32	120.313	45.313	979.721	144.272	64.063	64.063	164.584	38.542	19.271
3	06:17:40	129.688	67.188	1046.913	147.917	56.250	56.250	163.022	36.458	24.479
X		122.396	53.125	1035.975	149.306	53.646	53.646	163.022	38.021	20.833
σ		6.505	12.204	51.661	5.854	11.934	11.934	1.563	1.378	3.168
%RSD		5.315	22.971	4.987	3.921	22.246	22.246	0.958	3.624	15.207
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:15:23	17.188	18.750	18.750	12.500	17.188	4.688	153454.160	90.625	4.688
2	06:16:32	12.500	14.063	9.375	15.625	25.000	4.688	155802.810	106.250	3.125
3	06:17:40	15.625	21.875	12.500	9.375	17.188	3.125	155082.540	106.250	0.000
X		15.104	18.229	13.542	12.500	19.792	4.167	154779.840	101.042	2.604
σ		2.387	3.932	4.774	3.125	4.511	0.902	1203.231	9.021	2.387
%RSD		15.802	21.571	35.251	25.000	22.790	21.651	0.777	8.928	91.652
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:15:23	1.563	1.563	3.125	1.563	59.375	9.375	243.752	435.944	423612.340
2	06:16:32	0.000	0.000	4.688	0.000	40.625	15.625	178.126	395.318	428864.030
3	06:17:40	0.000	0.000	1.563	0.000	54.688	9.375	243.752	440.632	429786.450
X		0.521	0.521	3.125	0.521	51.563	11.458	221.877	423.965	427420.940
σ		0.902	0.902	1.563	0.902	9.758	3.608	37.889	24.919	3330.436
%RSD		173.205	173.205	50.000	173.205	18.924	31.492	17.077	5.878	0.779
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	06:15:23	459109.110	17.188	53.125	50.000	40.625	118.750	413876.870	2747.139	
2	06:16:32	462590.640	17.188	53.125	65.625	54.688	142.188	416704.180	2847.159	
3	06:17:40	464100.960	17.188	39.063	54.688	53.125	115.625	422329.880	2658.060	
X		461933.570	17.188	48.438	56.771	49.479	125.521	417636.980	2750.786	
σ		2559.968	0.000	8.119	8.018	7.708	14.518	4303.012	94.602	
%RSD		0.554	0.000	16.762	14.124	15.578	11.566	1.030	3.439	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:23:21	11875.246	20773.948	3903.658	215.627	15854844.000	11529845.000	1566605.500	1863852.700	2648518.100
2	06:24:30	11858.044	20659.198	4049.011	268.753	15943924.000	11467461.000	1556750.000	1857088.400	2598431.800
3	06:25:38	11626.604	20849.579	4253.758	246.877	16119993.000	11737013.000	1590337.600	1888752.300	2683400.500
x		11786.632	20760.908	4068.809	243.752	15972920.000	11578107.000	1571231.000	1869897.800	2643450.100
σ		138.854	95.858	175.888	26.700	134931.440	141108.070	17264.984	16675.056	42710.463
%RSD		1.178	0.462	4.323	10.954	0.845	1.219	1.099	0.892	1.616
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:23:21	23569.427	132147.450	15042.290	64928.465	7973246.000	40210.027	617527.020	48320.645	20201.774
2	06:24:30	22326.808	130608.390	14960.955	65694.455	7897573.200	41120.476	611109.710	48192.087	19599.373
3	06:25:38	24462.094	133090.520	14962.519	64526.651	7949873.700	42054.047	627494.440	46008.343	20032.786
x		23452.776	131948.790	14988.588	65049.857	7940231.000	41128.183	618710.390	47507.025	19944.644
σ		1072.411	1252.932	46.514	593.291	38747.028	922.034	8256.215	1299.488	310.722
%RSD		4.573	0.950	0.310	0.912	0.488	2.242	1.334	2.735	1.558
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:23:21	314519.910	296857.320	39636.160	1140888.900	855117.970	19611305.000	484600.470	360661.560	77330.611
2	06:24:30	311886.550	297102.970	38996.904	1124113.900	849376.100	19430088.000	481757.180	357085.900	77014.849
3	06:25:38	314911.200	298793.950	39446.574	1148013.000	863831.990	19849923.000	488100.850	363255.750	78153.823
x		313772.550	297584.750	39359.879	1137671.900	856108.690	19630439.000	484819.500	360334.400	77499.761
σ		1645.004	1054.377	328.327	12270.065	7278.690	210570.420	3177.499	3097.908	588.025
%RSD		0.524	0.354	0.834	1.079	0.850	1.073	0.655	0.860	0.759
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:23:21	390074.110	189219.900	148207.010	56791.829	3945.857	3945.857	12274.021	5206.157	21.875
2	06:24:30	385223.230	185325.600	148358.570	55737.166	3742.678	3742.678	12027.457	5235.334	18.750
3	06:25:38	391650.750	188534.360	150501.120	56549.725	3769.247	3769.247	12067.595	5272.848	17.188
x		388982.700	187693.290	149022.230	56359.573	3819.261	3819.261	12123.024	5238.113	19.271
σ		3349.870	2078.932	1282.993	552.446	110.438	110.438	132.298	33.432	2.387
%RSD		0.861	1.108	0.861	0.980	2.892	2.892	1.091	0.638	12.385
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:23:21	70066.719	124332.460	132470.740	78336.067	205928.290	1.563	136238.740	8333.680	389566.790
2	06:24:30	69796.652	123872.230	134571.490	78702.133	204444.710	3.125	135696.110	8463.444	386191.030
3	06:25:38	70704.224	125429.480	135036.780	79713.970	208328.340	3.125	133282.930	8413.414	387139.630
x		70189.198	124544.720	134026.340	78917.390	206233.780	2.604	135072.590	8403.513	387632.490
σ		466.018	800.031	1367.128	713.727	1959.755	0.902	1573.464	65.446	1741.011
%RSD		0.664	0.642	1.020	0.904	0.950	34.641	1.165	0.779	0.449
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:23:21	6474.904	6474.904	381980.060	98891.100	266611.740	383613.590	341763.190	610090.960	395490.320
2	06:24:30	6401.434	6401.434	377172.000	98401.801	267773.800	380446.180	343536.210	609644.360	398734.920
3	06:25:38	6418.629	6418.629	385139.780	100206.470	269663.540	388211.900	346839.610	617784.680	385470.390
x		6431.656	6431.656	381430.610	99166.457	268016.360	384090.560	344046.340	612506.670	393231.880
σ		38.429	38.429	4012.208	933.312	1540.290	3904.768	2576.370	4576.344	6914.647
%RSD		0.597	0.597	1.052	0.941	0.575	1.017	0.749	0.747	1.758
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	06:23:21	426491.440	808356.790	1954911.600	649773.610	614603.340	1454724.700	384921.510	3926552.900	
2	06:24:30	430480.320	816910.890	1970653.100	653600.190	614929.430	1467149.400	382828.890	3896452.800	
3	06:25:38	420085.450	816003.350	1986316.200	660189.940	627336.140	1481985.500	376822.320	3948956.600	
x		425685.740	813757.010	1970627.000	654521.250	618956.300	1467953.200	381524.240	3923987.400	
σ		5244.061	4698.687	15702.318	5268.893	7258.987	13648.182	4204.261	26345.749	
%RSD		1.232	0.577	0.797	0.805	1.173	0.930	1.102	0.671	

CCB 04/30/2011 06:30:10 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:31:18	12514.854	7.813	90.625	203.126	105794.980	1442.260	190.626	264.065	492.196
2	06:32:26	12328.755	3.646	103.125	204.689	107378.610	2023.581	289.065	350.004	571.886
3	06:33:34	12736.925	3.646	78.125	195.314	106977.170	2161.101	296.878	365.630	685.954
X		12526.845	5.035	90.625	201.043	106716.920	1875.647	258.857	326.566	583.345
σ		204.349	2.406	12.500	5.023	823.265	381.571	59.218	54.689	97.386
%RSD		1.631	47.781	13.793	2.498	0.771	20.343	22.877	16.747	16.694
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:31:18	425.006	746.895	15223.732	66799.562	80807.588	4.688	387.505	49013.625	21.875
2	06:32:26	400.006	757.833	15355.123	66090.023	79572.560	12.500	454.695	48292.425	29.688
3	06:33:34	371.880	903.154	15394.227	65986.421	80906.584	9.375	459.382	48419.417	14.063
X		398.964	802.627	15324.361	66292.002	80428.911	8.854	433.861	48575.156	21.875
σ		26.579	87.230	89.313	442.602	743.272	3.932	40.213	384.998	7.813
%RSD		6.662	10.868	0.583	0.668	0.924	44.411	9.269	0.793	35.714
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:31:18	9396.840	275.003	3161.287	2389.262	171.876	28165.237	909.404	35.938	34.375
2	06:32:26	9490.651	278.128	3147.222	2437.708	239.065	28771.131	953.157	64.063	23.438
3	06:33:34	8923.098	265.627	3048.763	2456.461	226.564	29427.152	859.401	46.875	32.813
X		9270.197	272.919	3119.091	2427.811	212.502	28787.840	907.321	48.958	30.208
σ		304.233	6.505	61.310	34.676	35.734	631.123	46.913	14.178	5.916
%RSD		3.282	2.384	1.966	1.428	16.816	2.192	5.170	28.959	19.582
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:31:18	54.688	32.813	42.188	81.250	28.125	28.125	115.105	12.500	17.188
2	06:32:26	90.625	31.250	51.563	76.563	15.625	15.625	120.313	14.583	18.750
3	06:33:34	103.125	46.875	37.500	87.500	26.563	26.563	111.459	19.792	16.667
X		82.813	36.979	43.750	81.771	23.438	23.438	115.625	15.625	17.535
σ		25.146	8.606	7.160	5.487	6.811	6.811	4.450	3.756	1.084
%RSD		30.365	23.271	16.366	6.711	29.059	29.059	3.849	24.037	6.183
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:31:18	34.375	57.813	46.875	43.750	62.500	0.000	143211.120	87.500	96.875
2	06:32:26	25.000	35.938	60.938	26.563	75.000	1.563	143307.400	85.938	90.625
3	06:33:34	34.375	48.438	50.000	32.813	62.500	3.125	142985.440	100.000	64.063
X		31.250	47.396	52.604	34.375	66.667	1.563	143167.990	91.146	83.854
σ		5.413	10.975	7.384	8.700	7.217	1.563	165.254	7.708	17.423
%RSD		17.321	23.155	14.037	25.308	10.825	100.000	0.115	8.456	20.777
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:31:18	4.688	4.688	62.500	9.375	257.815	370.317	37.500	54.688	398749.380
2	06:32:26	1.563	1.563	78.125	18.750	217.189	301.566	34.375	82.813	398574.280
3	06:33:34	1.563	1.563	67.188	23.438	173.439	239.065	51.563	109.375	396474.870
X		2.604	2.604	69.271	17.188	216.148	303.649	41.146	82.292	397932.840
σ		1.804	1.804	8.018	7.160	42.198	65.651	9.155	27.348	1265.673
%RSD		69.282	69.282	11.575	41.660	19.523	21.621	22.251	33.232	0.318
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	06:31:18	434365.620	142.188	335.941	114.063	93.750	203.126	397811.260	482.821	
2	06:32:26	433510.540	159.376	412.506	139.063	92.188	264.065	399265.050	571.886	
3	06:33:34	434462.240	168.751	373.442	125.001	103.125	298.441	395753.720	595.325	
X		434112.800	156.772	373.963	126.042	96.354	255.211	397610.010	550.011	
σ		523.807	13.472	38.285	12.533	5.916	48.270	1764.294	59.357	
%RSD		0.121	8.593	10.238	9.943	6.139	18.914	0.444	10.792	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:39:14	11767.344	8.333	5982.502	390.630	67385023.000	8625598.200	1166571.900	1390608.600	1421.946
2	06:40:22	12097.307	5.729	6201.346	359.380	68785281.000	8769335.900	1180317.800	1408389.800	1185.987
3	06:41:30	11955.000	9.375	6212.288	373.442	68144665.000	8741639.500	1176419.700	1403888.300	1010.973
X		11939.884	7.813	6132.045	374.484	68104990.000	8712191.200	1174436.500	1400962.200	1206.302
σ		165.500	1.878	129.624	15.651	700971.710	76259.646	7084.298	9244.689	206.238
%RSD		1.386	24.037	2.114	4.179	1.029	0.875	0.603	0.660	17.097
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:39:14	1126299.800	759.395	180804.150	438374.380	1840471.700	112828.180	1970355.000	47072.739	81.250
2	06:40:22	1158033.100	784.397	184469.310	457371.880	1874284.400	115669.520	1978675.400	47249.885	98.438
3	06:41:30	1136124.500	723.456	184424.990	459807.610	1883528.300	114864.620	1978501.000	47685.705	89.063
X		1140152.500	755.749	183232.820	451851.290	1866094.800	114454.110	1975843.800	47336.110	89.584
σ		16245.601	30.634	2103.406	11734.711	22666.487	1464.477	4754.214	315.448	8.606
%RSD		1.425	4.053	1.148	2.597	1.215	1.280	0.241	0.666	9.606
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:39:14	90534.408	700.017	23616.380	2339.254	568.761	34977.142	7924.072	245.315	246.877
2	06:40:22	92952.991	776.584	24488.158	2315.813	465.633	33456.318	7913.128	192.189	215.627
3	06:41:30	94086.940	760.958	24876.328	2223.610	432.819	32673.259	7938.142	157.813	228.127
X		92524.780	745.853	24326.955	2292.892	489.071	33702.240	7925.114	198.439	230.210
σ		1814.565	40.456	645.257	61.134	70.937	1171.464	12.539	44.084	15.729
%RSD		1.961	5.424	2.652	2.666	14.504	3.476	0.158	22.215	6.832
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:39:14	1693.850	848.463	503.134	1352.147	309.378	309.378	397.922	169.793	14.583
2	06:40:22	1653.221	739.082	501.571	1387.567	371.880	371.880	403.131	171.876	15.625
3	06:41:30	1632.906	754.707	468.758	1428.196	332.816	332.816	391.151	183.855	17.188
X		1659.992	780.751	491.154	1389.304	338.025	338.025	397.401	175.175	15.799
σ		31.031	59.159	19.412	38.054	31.575	31.575	6.007	7.590	1.311
%RSD		1.869	7.577	3.952	2.739	9.341	9.341	1.511	4.333	8.297
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:39:14	293.753	501.571	514.072	317.191	756.270	0.000	127256.470	67.188	125.001
2	06:40:22	278.128	439.069	490.633	314.066	814.086	0.000	130444.410	78.125	54.688
3	06:41:30	257.815	484.383	482.821	304.691	759.395	0.000	130595.780	73.438	32.813
X		276.565	475.008	495.842	311.983	776.584	0.000	129432.220	72.917	70.834
σ		18.020	32.289	16.264	6.505	32.515	0.000	1885.773	5.487	48.168
%RSD		6.516	6.797	3.280	2.085	4.187	0.000	1.457	7.525	68.002
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:39:14	3.125	3.125	81.250	42.188	250.002	214.064	4589.800	8285.214	382201.490
2	06:40:22	1.563	1.563	71.875	21.875	212.502	167.188	4483.516	8116.368	389675.960
3	06:41:30	1.563	1.563	37.500	26.563	209.377	131.251	4660.135	8196.101	384472.150
X		2.083	2.083	63.542	30.208	223.960	170.834	4577.817	8199.227	385449.870
σ		0.902	0.902	23.035	10.636	22.607	41.527	88.917	84.467	3831.955
%RSD		43.301	43.301	36.251	35.208	10.094	24.308	1.942	1.030	0.994
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	06:39:14	416601.240	328.129	771.896	1154.734	967.220	2450.210	363685.220	53683.490	
2	06:40:22	423076.490	237.502	568.761	1045.351	973.471	2162.664	373614.700	54759.438	
3	06:41:30	423309.820	159.376	440.632	914.092	782.834	2140.785	369372.120	53481.171	
X		420995.850	241.669	593.763	1038.059	907.842	2251.220	368890.680	53974.700	
σ		3807.628	84.454	167.041	120.487	108.305	172.678	4982.219	687.091	
%RSD		0.904	34.946	28.133	11.607	11.930	7.670	1.351	1.273	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:47:10	11976.894	4.167	4685.143	334.379	63522229.000	7293371.800	994035.390	1172855.000	590.637
2	06:48:18	11804.875	3.125	4682.017	342.192	62493858.000	7291775.900	1004639.700	1174595.900	521.885
3	06:49:26	11718.867	2.604	4649.194	351.567	62262588.000	7348700.900	997125.650	1171581.600	573.449
X		11833.545	3.299	4672.118	342.712	62759558.000	7311282.900	998600.260	1173010.800	561.990
σ		131.381	0.796	19.914	8.606	670538.100	32414.794	5453.791	1513.193	35.780
%RSD		1.110	24.119	0.426	2.511	1.068	0.443	0.546	0.129	6.367
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:47:10	1222451.300	792.209	157275.060	504238.390	1847235.400	133921.670	2282124.700	47006.898	90.625
2	06:48:18	1224058.700	859.401	159169.310	514685.610	1825290.900	132136.410	2286787.900	46500.558	87.500
3	06:49:26	1239278.100	842.212	158230.840	517208.700	1825719.800	132871.310	2294576.200	47052.360	85.938
X		1228596.000	831.274	158225.070	512044.230	1832748.700	132976.460	2287829.600	46853.272	88.021
σ		9285.817	34.906	947.135	6876.760	12547.686	897.263	6290.770	306.304	2.387
%RSD		0.756	4.199	0.599	1.343	0.685	0.675	0.275	0.654	2.712
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:47:10	105941.370	15311.326	29341.038	2626.804	354.692	30097.296	9027.852	229.689	648.452
2	06:48:18	109716.580	15123.626	31036.803	2623.678	373.442	29972.033	8946.550	218.752	525.010
3	06:49:26	112820.310	15484.950	31793.151	2509.595	378.130	29424.021	8497.839	237.502	639.077
X		109492.750	15306.634	30723.664	2586.693	368.755	29831.117	8824.081	228.648	604.180
σ		3444.923	180.708	1255.690	66.786	12.402	358.075	285.443	9.418	68.723
%RSD		3.146	1.181	4.087	2.582	3.363	1.200	3.235	4.119	11.375
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:47:10	1636.031	735.956	1168.798	1640.719	382.818	382.818	394.797	169.272	13.021
2	06:48:18	1537.583	825.024	1212.552	1687.600	381.255	381.255	384.901	172.918	16.667
3	06:49:26	1673.536	760.958	1154.734	1652.179	428.131	428.131	371.880	194.793	18.750
X		1615.717	773.979	1178.695	1660.166	397.401	397.401	383.859	178.994	16.146
σ		70.216	45.939	30.152	24.439	26.624	26.624	11.494	13.803	2.900
%RSD		4.346	5.935	2.558	1.472	6.700	6.700	2.994	7.711	17.961
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:47:10	173.439	253.127	296.878	195.314	498.446	1.563	129217.710	73.438	45.313
2	06:48:18	167.188	304.691	256.252	173.439	446.882	0.000	129279.200	85.938	25.000
3	06:49:26	148.438	293.753	309.378	190.626	457.820	0.000	129318.620	64.063	37.500
X		163.022	283.857	287.503	186.460	467.716	0.521	129271.840	74.479	35.938
σ		13.011	27.169	27.776	11.518	27.169	0.902	50.854	10.975	10.246
%RSD		7.981	9.571	9.661	6.177	5.809	173.205	0.039	14.735	28.511
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:47:10	1.563	1.563	62.500	10.938	93.750	118.750	6138.819	10832.230	384507.460
2	06:48:18	1.563	1.563	31.250	7.813	92.188	114.063	6201.346	11001.109	388913.410
3	06:49:26	0.000	0.000	32.813	4.688	93.750	96.875	6232.609	11245.049	385765.710
X		1.042	1.042	42.188	7.813	93.229	109.896	6190.925	11026.130	386395.520
σ		0.902	0.902	17.609	3.125	0.902	11.517	47.756	207.544	2269.495
%RSD		86.603	86.603	41.739	40.000	0.968	10.480	0.771	1.882	0.587
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	06:47:10	421583.310	79.688	178.126	1354.752	1165.673	2895.606	370637.070	40623.302	
2	06:48:18	420830.340	64.063	104.688	1340.688	1056.289	2698.692	372142.650	40333.420	
3	06:49:26	421610.660	40.625	145.313	1318.811	1017.224	2645.557	369801.770	40612.333	
X		421341.440	61.458	142.709	1338.084	1079.728	2746.619	370860.490	40523.018	
σ		442.834	19.661	36.788	18.111	76.950	131.734	1186.323	164.289	
%RSD		0.105	31.991	25.779	1.354	7.127	4.796	0.320	0.405	

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04/30/2011 06:53:59 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	06:55:07	12475.758	4.167	10275.569	312.503	88026104.000	11003823.000	1495014.000	1769827.400	748.457
2	06:56:15	12558.643	1.042	10406.914	350.004	86675994.000	10933327.000	1489915.700	1774883.800	703.142
3	06:57:24	12507.035	2.083	10725.900	360.942	87263654.000	11002166.000	1495383.300	1779441.500	682.829
X		12513.812	2.431	10469.461	341.150	87321917.000	10979772.000	1493437.700	1774717.600	711.476
σ		41.856	1.591	231.589	25.404	676938.480	40230.959	3055.688	4809.222	33.598
%RSD		0.334	65.465	2.212	7.447	0.775	0.366	0.205	0.271	4.722
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	06:55:07	1218442.000	898.466	271564.670	542317.670	2160790.400	174976.000	3022102.800	48634.207	73.438
2	06:56:15	1217304.000	828.149	270688.910	549704.620	2159833.800	174792.520	2982533.100	53791.103	90.625
3	06:57:24	1226128.500	895.341	272811.530	555312.240	2175181.200	176015.210	3038191.200	49538.870	93.750
X		1220624.800	873.985	271688.370	549111.510	2165268.500	175261.240	3014275.700	50654.727	85.938
σ		4800.160	39.726	1066.704	6517.553	8597.961	659.367	28642.695	2753.588	10.938
%RSD		0.393	4.545	0.393	1.187	0.397	0.376	0.950	5.436	12.727
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	06:55:07	107230.630	1396.943	28199.680	2415.829	420.319	34485.323	11909.650	337.504	518.759
2	06:56:15	110421.990	1353.189	29117.143	2462.712	392.193	34336.528	12417.895	304.691	506.259
3	06:57:24	111516.380	1309.435	29849.903	2340.817	406.256	35417.287	11496.812	310.941	542.198
X		109723.000	1353.189	29055.575	2406.453	406.256	34746.379	11941.452	317.712	522.405
σ		2226.736	43.754	826.832	61.486	14.063	585.767	461.364	17.423	18.245
%RSD		2.029	3.233	2.846	2.555	3.462	1.686	3.864	5.484	3.492
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	06:55:07	7028.291	3334.764	2358.007	1708.956	392.193	392.193	469.279	228.127	15.104
2	06:56:15	7095.512	3522.309	2379.886	1688.121	406.256	406.256	462.507	236.981	24.479
3	06:57:24	7020.475	3534.812	2329.878	1709.477	453.132	453.132	510.947	208.335	21.354
X		7048.092	3463.962	2355.923	1702.185	417.194	417.194	480.911	224.481	20.313
σ		41.252	112.063	25.069	12.183	31.908	31.908	26.231	14.667	4.774
%RSD		0.585	3.235	1.064	0.716	7.648	7.648	5.454	6.534	23.500
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	06:55:07	231.252	457.820	517.197	306.253	764.083	0.000	130802.340	82.813	40.625
2	06:56:15	273.440	429.694	453.132	285.940	737.519	1.563	132324.080	82.813	23.438
3	06:57:24	239.065	439.069	509.384	270.315	787.522	1.563	132950.160	67.188	32.813
X		247.919	442.194	493.238	287.503	763.041	1.042	132025.530	77.604	32.292
σ		22.445	14.321	34.951	18.020	25.018	0.902	1104.593	9.021	8.606
%RSD		9.053	3.239	7.086	6.268	3.279	86.603	0.837	11.625	26.650
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	06:55:07	1.563	1.563	35.938	3.125	120.313	79.688	6282.631	11046.457	394607.020
2	06:56:15	3.125	3.125	21.875	3.125	125.001	87.500	6313.895	10965.144	392639.850
3	06:57:24	3.125	3.125	31.250	1.563	132.813	85.938	6337.343	11337.309	397075.590
X		2.604	2.604	29.688	2.604	126.042	84.375	6311.290	11116.303	394774.150
σ		0.902	0.902	7.160	0.902	6.315	4.134	27.449	195.667	2222.585
%RSD		34.641	34.641	24.119	34.641	5.010	4.900	0.435	1.760	0.563
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	06:55:07	428131.610	85.938	139.063	1054.726	989.097	2384.574	370218.610	56364.098	
2	06:56:15	428355.360	62.500	132.813	1096.917	998.472	2461.150	375131.820	56768.821	
3	06:57:24	431264.380	50.000	150.001	1023.474	957.845	2318.938	371980.700	56985.305	
X		429250.450	66.146	140.626	1058.373	981.805	2388.221	372443.710	56706.075	
σ		1747.700	18.244	8.700	36.857	21.273	71.176	2489.114	315.321	
%RSD		0.407	27.582	6.186	3.482	2.167	2.980	0.668	0.556	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:03:04	13617.425	2.604	8785.513	329.691	138805070.000	25975890.000	3567416.800	4226286.400	-614.301
2	07:04:12	13390.648	0.521	9084.137	395.318	139265230.000	26245369.000	3559707.900	4219452.400	-515.388
3	07:05:20	13634.629	1.042	9171.693	365.630	140437080.000	26583819.000	3593782.800	4269042.300	-504.976
x		13547.567	1.389	9013.781	363.546	139502460.000	26268359.000	3573635.800	4238260.300	-544.888
σ		136.168	1.084	202.475	32.863	841471.620	304615.580	17868.464	26876.042	60.338
%RSD		1.005	78.062	2.246	9.040	0.603	1.160	0.500	0.634	11.073
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:03:04	1072297.400	660.953	484090.370	627187.650	3316267.300	380038.520	6201219.900	53478.245	101.563
2	07:04:12	1096618.600	614.076	490684.720	637991.230	3302308.200	385440.510	6268512.600	54203.374	79.688
3	07:05:20	1094142.300	631.264	492451.800	650345.650	3322099.800	386504.150	6274283.300	52367.161	82.813
x		1087686.100	635.431	489075.630	638508.180	3313558.400	383994.390	6248005.300	53349.593	88.021
σ		13384.400	23.715	4406.844	11587.655	10170.035	3466.920	40619.927	924.842	11.831
%RSD		1.231	3.732	0.901	1.815	0.307	0.903	0.650	1.734	13.441
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:03:04	98922.567	756.270	26678.012	2383.011	350.004	42569.582	24001.395	521.885	725.018
2	07:04:12	102810.810	815.648	28091.655	2490.842	375.005	41996.013	24677.546	501.571	734.394
3	07:05:20	105063.050	873.464	29217.347	2470.526	376.567	41970.939	24971.807	510.947	725.018
x		102265.480	815.128	27995.671	2448.126	367.192	42178.844	24550.249	511.467	728.144
σ		3106.352	58.599	1272.386	57.299	14.906	338.620	497.572	10.167	5.413
%RSD		3.038	7.189	4.545	2.341	4.059	0.803	2.027	1.988	0.743
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:03:04	9245.178	4711.714	5873.082	1664.159	489.071	489.071	787.001	412.506	16.146
2	07:04:12	9609.481	4760.168	6126.313	1665.722	601.575	601.575	779.188	413.548	19.271
3	07:05:20	9288.957	4910.219	6088.797	1717.291	610.951	610.951	782.834	409.381	14.063
x		9381.205	4794.034	6029.398	1682.391	567.199	567.199	783.008	411.811	16.493
σ		198.901	103.495	136.667	30.234	67.823	67.823	3.909	2.168	2.621
%RSD		2.120	2.159	2.267	1.797	11.958	11.958	0.499	0.527	15.894
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:03:04	-1401.563	234.377	265.627	168.751	385.943	1.563	129162.530	85.938	45.313
2	07:04:12	-1106.875	268.753	214.064	170.314	356.254	0.000	130125.900	78.125	32.813
3	07:05:20	-1178.750	281.253	217.189	164.063	401.568	1.563	129387.990	73.438	42.188
x		-1229.063	261.461	232.294	167.709	381.255	1.042	129558.800	79.167	40.104
σ		153.651	24.274	28.910	3.253	23.018	0.902	503.889	6.315	6.505
%RSD		12.501	9.284	12.446	1.939	6.037	86.603	0.389	7.977	16.221
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:03:04	1.563	1.563	34.375	3.125	306.253	64.063	7197.125	12776.023	390741.990
2	07:04:12	3.125	3.125	26.563	4.688	310.941	75.000	7392.537	13284.299	396853.930
3	07:05:20	1.563	1.563	25.000	9.375	346.879	65.625	7450.380	13223.305	394305.100
x		2.083	2.083	28.646	5.729	321.358	68.229	7346.681	13094.542	393967.010
σ		0.902	0.902	5.023	3.253	22.226	5.916	132.709	277.526	3069.962
%RSD		43.301	43.301	17.534	56.773	6.916	8.670	1.806	2.119	0.779
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	07:03:04	428154.140	34.375	75.000	5823.061	5061.834	12524.238	364592.280	97601.024	
2	07:04:12	433117.640	20.313	68.750	5987.192	5274.411	12952.744	363952.840	97961.289	
3	07:05:20	425728.560	21.875	56.250	6057.534	5150.929	12749.437	362867.950	99270.279	
x		429000.110	25.521	66.667	5955.929	5162.391	12742.140	363804.360	98277.531	
σ		3766.480	7.708	9.547	120.322	106.751	214.347	871.702	878.413	
%RSD		0.878	30.201	14.321	2.020	2.068	1.682	0.240	0.894	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:11:02	13977.147	3.125	576.574	239.065	3504937.900	446270.240	59012.259	72229.011	500.009
2	07:12:11	14152.319	1.563	595.325	243.752	3569280.100	451190.030	58792.607	72018.577	442.194
3	07:13:19	14099.142	1.042	492.196	248.440	3629896.600	461083.050	60633.088	73972.272	520.322
X		14076.202	1.910	554.698	243.752	3568038.200	452847.770	59479.318	72739.953	487.508
σ		89.811	1.084	54.935	4.688	62488.641	7544.264	1005.212	1072.393	40.536
%RSD		0.638	56.773	9.904	1.923	1.751	1.666	1.690	1.474	8.315
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:11:02	55887.230	810.961	23430.136	96282.748	170565.320	5630.797	94414.088	54977.460	12.500
2	07:12:11	55611.156	771.896	23635.161	95137.614	170696.560	5760.536	95998.029	53951.685	21.875
3	07:13:19	58406.653	821.899	24017.047	95332.658	171567.840	5954.366	98919.420	54263.802	12.500
X		56635.013	801.585	23694.114	95584.340	170943.240	5781.900	96443.846	54397.649	15.625
σ		1540.482	26.287	297.864	612.651	544.887	162.839	2285.513	525.823	5.413
%RSD		2.720	3.279	1.257	0.641	0.319	2.816	2.370	0.967	34.641
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:11:02	23004.445	350.004	7491.026	2443.959	215.627	30091.033	1276.620	12.500	46.875
2	07:12:11	21772.829	360.942	7125.214	2539.288	226.564	30394.800	1290.683	9.375	42.188
3	07:13:19	21949.662	1337.563	6940.748	2561.167	200.001	30148.968	1339.125	6.250	40.625
X		22242.312	682.836	7185.663	2514.805	214.064	30211.600	1302.143	9.375	43.229
σ		665.922	567.036	280.075	62.322	13.350	161.278	32.791	3.125	3.253
%RSD		2.994	83.041	3.898	2.478	6.237	0.534	2.518	33.333	7.524
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:11:02	156.251	48.438	103.125	250.523	73.438	73.438	129.688	20.833	13.542
2	07:12:11	125.001	65.625	92.188	248.961	76.563	76.563	127.605	20.313	15.625
3	07:13:19	123.438	65.625	128.126	216.668	50.000	50.000	146.876	21.354	11.458
X		134.896	59.896	107.813	238.717	66.667	66.667	134.723	20.833	13.542
σ		18.510	9.923	18.422	19.111	14.518	14.518	10.576	0.521	2.083
%RSD		13.722	16.567	17.087	8.006	21.777	21.777	7.850	2.500	15.385
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:11:02	25.000	20.313	32.813	26.563	42.188	0.000	156268.800	87.500	7.813
2	07:12:11	17.188	28.125	26.563	20.313	42.188	1.563	159183.530	90.625	6.250
3	07:13:19	14.063	10.938	23.438	17.188	29.688	3.125	154700.300	101.563	9.375
X		18.750	19.792	27.604	21.354	38.021	1.563	156717.540	93.229	7.813
σ		5.634	8.606	4.774	4.774	7.217	1.563	2275.050	7.384	1.563
%RSD		30.046	43.481	17.293	22.354	18.981	100.000	1.452	7.920	20.000
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:11:02	0.000	0.000	6.250	0.000	50.000	15.625	220.314	407.818	427661.590
2	07:12:11	0.000	0.000	4.688	0.000	45.313	28.125	209.377	370.317	429992.520
3	07:13:19	1.563	1.563	6.250	6.250	57.813	37.500	242.190	428.131	423897.160
X		0.521	0.521	5.729	2.083	51.042	27.083	223.960	402.089	427183.760
σ		0.902	0.902	0.902	3.608	6.315	10.975	16.708	29.330	3075.641
%RSD		173.205	173.205	15.746	173.205	12.372	40.522	7.460	7.294	0.720
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	07:11:02	464154.210	7.813	26.563	96.875	71.875	195.314	419588.350	2297.060	
2	07:12:11	465372.590	12.500	40.625	90.625	89.063	215.627	423475.560	2298.622	
3	07:13:19	458275.150	21.875	32.813	96.875	78.125	182.814	419815.180	2423.643	
X		462600.650	14.063	33.333	94.792	79.688	197.918	420959.690	2339.775	
σ		3795.202	7.160	7.046	3.608	8.700	16.561	2181.752	72.636	
%RSD		0.820	50.918	21.137	3.807	10.917	8.367	0.518	3.104	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:19:01	14289.956	2.604	367.192	253.127	3275495.100	374305.950	50048.454	60587.583	584.387
2	07:20:09	14041.272	0.521	406.256	250.002	3295200.100	379256.280	50990.840	60345.938	632.827
3	07:21:17	14571.490	2.083	376.567	195.314	3247107.900	374789.530	50471.814	60345.938	550.011
X		14300.906	1.736	383.338	232.814	3272601.100	376117.250	50503.703	60426.487	589.075
σ		265.279	1.084	20.393	32.514	24176.336	2729.208	472.002	139.514	41.606
%RSD		1.855	62.450	5.320	13.966	0.739	0.726	0.935	0.231	7.063
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:19:01	61278.019	818.773	22242.302	89778.095	165008.440	6481.157	107473.060	54033.243	1.563
2	07:20:09	60669.178	817.211	22326.808	90564.284	164546.910	6479.594	109926.000	54710.814	4.688
3	07:21:17	61161.898	740.644	22552.162	89856.712	164883.570	6460.836	109768.540	54262.233	9.375
X		61036.365	792.210	22373.757	90066.364	164812.970	6473.862	109055.870	54335.430	5.208
σ		323.250	44.664	160.176	433.000	238.726	11.309	1373.008	344.665	3.932
%RSD		0.530	5.638	0.716	0.481	0.145	0.175	1.259	0.634	75.498
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:19:01	18879.655	1010.973	5838.693	2553.353	185.939	30346.260	1392.255	20.313	54.688
2	07:20:09	18188.133	1026.599	5791.799	2470.526	164.063	30852.029	1423.508	17.188	60.938
3	07:21:17	17895.577	981.284	5702.700	2428.331	139.063	30358.786	1401.631	17.188	62.500
X		18321.122	1006.286	5777.731	2484.070	163.022	30519.025	1405.798	18.229	59.375
σ		505.338	23.019	69.079	63.602	23.455	288.458	16.038	1.804	4.134
%RSD		2.758	2.287	1.196	2.560	14.388	0.945	1.141	9.897	6.963
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:19:01	131.251	50.000	115.625	207.814	60.938	60.938	142.709	28.125	17.708
2	07:20:09	115.625	73.438	71.875	192.189	62.500	62.500	133.855	19.792	17.188
3	07:21:17	150.001	60.938	100.000	167.709	53.125	53.125	132.292	25.521	18.229
X		132.292	61.458	95.834	189.237	58.854	58.854	136.285	24.479	17.708
σ		17.211	11.727	22.171	20.215	5.023	5.023	5.618	4.263	0.521
%RSD		13.010	19.082	23.135	10.682	8.534	8.534	4.122	17.416	2.941
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:19:01	7.813	7.813	17.188	18.750	21.875	1.563	155606.950	95.313	17.188
2	07:20:09	21.875	9.375	15.625	10.938	15.625	3.125	155248.390	100.000	15.625
3	07:21:17	20.313	7.813	15.625	7.813	18.750	0.000	155216.800	110.938	12.500
X		16.667	8.333	16.146	12.500	18.750	1.563	155357.380	102.084	15.104
σ		7.708	0.902	0.902	5.634	3.125	1.563	216.709	8.018	2.387
%RSD		46.246	10.825	5.587	45.069	16.667	100.000	0.139	7.855	15.802
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:19:01	3.125	3.125	4.688	0.000	46.875	18.750	317.191	564.074	420675.890
2	07:20:09	0.000	0.000	9.375	1.563	65.625	18.750	281.253	559.386	422518.140
3	07:21:17	0.000	0.000	10.938	3.125	51.563	28.125	295.316	565.636	421765.120
X		1.042	1.042	8.333	1.563	54.688	21.875	297.920	563.032	421653.050
σ		1.804	1.804	3.253	1.563	9.758	5.413	18.110	3.253	926.224
%RSD		173.205	173.205	39.031	100.000	17.843	24.744	6.079	0.578	0.220
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	07:19:01	458954.250	21.875	40.625	101.563	101.563	131.251	415731.130	1893.876	
2	07:20:09	455202.660	17.188	34.375	93.750	62.500	203.126	412092.000	1898.564	
3	07:21:17	454759.180	18.750	29.688	71.875	64.063	171.876	413827.020	1815.740	
X		456305.360	19.271	34.896	89.063	76.042	168.751	413883.380	1869.393	
σ		2304.695	2.387	5.487	15.389	22.116	36.040	1820.219	46.524	
%RSD		0.505	12.385	15.725	17.279	29.083	21.357	0.440	2.489	

C1852-19X25 MF3T85 04/30/2011 07:25:51 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:26:59	14178.908	4.167	596.887	212.502	4241258.400	532413.600	70892.654	85858.800	465.633
2	07:28:07	14072.553	1.042	614.076	204.689	4239120.000	530680.350	71070.095	86085.156	460.945
3	07:29:15	14239.906	3.125	657.828	206.251	4263596.100	539870.910	71773.599	85613.585	475.008
X		14163.789	2.778	622.930	207.814	4247991.500	534321.620	71245.449	85852.514	467.195
σ		84.695	1.591	31.420	4.134	13556.214	4883.339	465.916	235.848	7.161
%RSD		0.598	57.282	5.044	1.989	0.319	0.914	0.654	0.275	1.533
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:26:59	56219.781	848.463	27069.372	88922.770	174843.130	8272.707	136939.140	54190.085	6.250
2	07:28:07	57091.980	756.270	26984.837	89079.995	174542.620	8274.271	135675.610	54020.695	3.125
3	07:29:15	57066.880	885.965	26897.172	89498.222	174235.780	8241.439	136465.890	54034.811	6.250
X		56792.880	830.233	26983.794	89166.996	174540.510	8262.806	136360.210	54081.864	5.208
σ		496.477	66.742	86.105	297.427	303.682	18.520	638.361	93.988	1.804
%RSD		0.874	8.039	0.319	0.334	0.174	0.224	0.468	0.174	34.641
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:26:59	15791.536	304.691	5074.339	2509.595	137.501	30297.719	1567.274	15.625	50.000
2	07:28:07	15625.729	312.503	4882.084	2386.137	156.251	30571.740	1526.644	20.313	50.000
3	07:29:15	15175.243	290.628	4785.176	2554.916	135.938	30737.720	1604.778	29.688	46.875
X		15530.836	302.607	4913.866	2483.549	143.230	30535.726	1566.232	21.875	48.958
σ		318.916	11.086	147.178	87.352	11.304	222.200	39.077	7.160	1.804
%RSD		2.053	3.663	2.995	3.517	7.892	0.728	2.495	32.733	3.685
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:26:59	389.068	176.564	150.001	161.459	37.500	37.500	131.771	21.354	18.750
2	07:28:07	353.129	178.126	159.376	167.188	46.875	46.875	135.417	21.875	16.146
3	07:29:15	375.005	190.626	157.813	161.980	46.875	46.875	125.001	24.479	16.146
X		372.401	181.772	155.730	163.543	43.750	43.750	130.730	22.569	17.014
σ		18.110	7.708	5.023	3.168	5.413	5.413	5.286	1.674	1.504
%RSD		4.863	4.240	3.225	1.937	12.372	12.372	4.043	7.418	8.837
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:26:59	15.625	18.750	32.813	18.750	43.750	1.563	153793.720	93.750	6.250
2	07:28:07	10.938	25.000	23.438	14.063	35.938	1.563	155088.860	104.688	6.250
3	07:29:15	18.750	29.688	18.750	26.563	40.625	1.563	154656.080	95.313	3.125
X		15.104	24.479	25.000	19.792	40.104	1.563	154512.880	97.917	5.208
σ		3.932	5.487	7.160	6.315	3.932	0.000	659.336	5.916	1.804
%RSD		26.034	22.416	28.641	31.906	9.805	0.000	0.427	6.041	34.641
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:26:59	0.000	0.000	4.688	1.563	67.188	20.313	262.502	510.947	422135.190
2	07:28:07	0.000	0.000	9.375	0.000	70.313	9.375	315.628	506.259	423390.270
3	07:29:15	1.563	1.563	6.250	0.000	51.563	10.938	323.441	471.883	425088.030
X		0.521	0.521	6.771	0.521	63.021	13.542	300.524	496.363	423537.830
σ		0.902	0.902	2.387	0.902	10.046	5.916	33.159	21.329	1481.939
%RSD		173.205	173.205	35.251	173.205	15.940	43.684	11.034	4.297	0.350
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	07:26:59	458196.110	14.063	42.188	70.313	75.000	167.188	416935.790	2389.262	
2	07:28:07	455839.690	12.500	48.438	62.500	62.500	162.501	415581.560	2383.011	
3	07:29:15	459868.910	15.625	42.188	73.438	64.063	153.126	419586.740	2359.570	
X		457968.230	14.063	44.271	68.750	67.188	160.938	417368.030	2377.281	
σ		2024.254	1.563	3.608	5.634	6.811	7.160	2037.276	15.654	
%RSD		0.442	11.111	8.151	8.194	10.137	4.449	0.488	0.658	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:34:58	14252.419	0.521	548.448	270.315	6822478.000	1272254.900	170211.130	205774.540	2526.786
2	07:36:06	14544.901	0.000	557.823	210.939	6918061.100	1283578.300	173702.790	209387.410	2606.488
3	07:37:14	14433.851	0.000	562.511	251.565	6836157.200	1285410.800	174121.910	206708.190	2618.990
X		14410.390	0.174	556.261	244.273	6858898.700	1280414.700	172678.610	207290.040	2584.088
σ		147.646	0.301	7.161	30.352	51690.603	7125.722	2147.146	1875.400	50.017
%RSD		1.025	173.205	1.287	12.426	0.754	0.557	1.243	0.905	1.936
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:34:58	51928.584	785.959	36739.369	90847.323	228695.710	17202.539	283316.170	55030.790	20.313
2	07:36:06	53035.765	742.207	36797.331	93769.237	230645.430	17202.539	289311.100	54602.589	15.625
3	07:37:14	52574.691	826.586	36545.122	94668.891	230110.350	17100.854	284587.950	54844.137	4.688
X		52513.013	784.917	36693.941	93095.150	229817.160	17168.644	285738.410	54825.838	13.542
σ		556.162	42.199	132.099	1997.972	1007.383	58.708	3158.711	214.686	8.018
%RSD		1.059	5.376	0.360	2.146	0.438	0.342	1.105	0.392	59.211
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:34:58	14133.551	293.753	4472.575	2501.782	135.938	31179.301	2170.477	43.750	57.813
2	07:36:06	13817.617	259.377	4305.336	2542.414	159.376	31287.349	2186.105	37.500	67.188
3	07:37:14	13715.956	310.941	4455.382	2404.890	139.063	31130.757	2262.679	29.688	64.063
X		13889.041	288.024	4411.098	2483.028	144.792	31199.136	2206.420	36.979	63.021
σ		217.767	26.255	91.995	70.654	12.726	80.158	49.344	7.046	4.774
%RSD		1.568	9.116	2.086	2.845	8.789	0.257	2.236	19.053	7.575
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:34:58	550.011	232.814	309.378	130.209	53.125	53.125	140.626	35.938	17.708
2	07:36:06	528.135	254.690	343.754	151.042	57.813	57.813	139.584	41.146	15.625
3	07:37:14	584.387	245.315	343.754	146.355	54.688	54.688	160.938	33.333	18.229
X		554.177	244.273	332.296	142.535	55.208	55.208	147.049	36.806	17.188
σ		28.357	10.975	19.847	10.929	2.387	2.387	12.040	3.978	1.378
%RSD		5.117	4.493	5.973	7.668	4.323	4.323	8.187	10.808	8.017
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:34:58	14.063	12.500	10.938	3.125	17.188	0.000	155640.120	84.375	7.813
2	07:36:06	17.188	4.688	20.313	21.875	21.875	1.563	158213.470	112.500	14.063
3	07:37:14	12.500	15.625	10.938	6.250	12.500	0.000	159630.660	104.688	3.125
X		14.583	10.938	14.063	10.417	17.188	0.521	157828.080	100.521	8.333
σ		2.387	5.634	5.413	10.045	4.688	0.902	2022.994	14.518	5.487
%RSD		16.366	51.508	38.490	96.437	27.273	173.205	1.282	14.443	65.848
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:34:58	0.000	0.000	4.688	0.000	51.563	3.125	364.067	612.513	424484.540
2	07:36:06	1.563	1.563	1.563	1.563	57.813	12.500	348.442	601.575	432376.950
3	07:37:14	0.000	0.000	9.375	0.000	62.500	25.000	351.567	585.950	427313.920
X		0.521	0.521	5.208	0.521	57.292	13.542	354.692	600.013	428058.470
σ		0.902	0.902	3.932	0.902	5.487	10.975	8.268	13.351	3998.539
%RSD		173.205	173.205	75.498	173.205	9.578	81.044	2.331	2.225	0.934
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	07:34:58	460393.210	18.750	50.000	310.941	275.003	568.761	415322.620	4285.018	
2	07:36:06	461001.420	14.063	43.750	285.940	243.752	648.452	421446.550	4231.877	
3	07:37:14	463936.360	14.063	45.313	285.940	271.878	639.077	423884.290	4200.618	
X		461777.000	15.625	46.354	294.274	263.544	618.763	420217.820	4239.171	
σ		1894.630	2.706	3.253	14.434	17.211	43.556	4411.107	42.670	
%RSD		0.410	17.321	7.017	4.905	6.531	7.039	1.050	1.007	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:42:57	14863.979	0.000	75.000	245.315	122611.430	3020.632	384.380	476.570	298.441
2	07:44:05	14702.875	2.604	92.188	253.127	118796.580	2745.576	442.194	506.259	293.753
3	07:45:13	14723.208	2.083	60.938	234.377	112429.740	1986.075	304.691	303.128	318.754
X		14763.354	1.563	76.042	244.273	117945.920	2584.095	377.088	428.653	303.649
σ		87.735	1.378	15.651	9.418	5143.869	535.849	69.041	109.716	13.289
%RSD		0.594	88.192	20.582	3.856	4.361	20.736	18.309	25.596	4.376
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:42:57	559.386	857.838	15865.055	68510.762	79575.702	37.500	984.409	56318.607	3.125
2	07:44:05	525.010	890.653	15821.256	70319.519	79702.971	34.375	915.654	56064.485	3.125
3	07:45:13	415.631	789.084	15896.339	71201.999	79347.878	15.625	689.079	55670.762	10.938
X		500.009	845.858	15860.883	70010.760	79542.184	29.167	863.047	56017.951	5.729
σ		75.068	51.833	37.715	1371.929	179.904	11.831	154.533	326.419	4.511
%RSD		15.013	6.128	0.238	1.960	0.226	40.564	17.906	0.583	78.730
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:42:57	8615.097	225.002	2986.250	2620.553	150.001	33454.752	934.406	4.688	21.875
2	07:44:05	8385.273	210.939	2928.425	2522.098	117.188	33739.796	973.471	3.125	37.500
3	07:45:13	7997.551	232.814	2783.084	2595.548	134.376	33326.327	973.471	3.125	28.125
X		8332.640	222.918	2899.253	2579.400	133.855	33506.958	960.449	3.646	29.167
σ		312.119	11.085	104.677	51.176	16.413	211.621	22.554	0.902	7.864
%RSD		3.746	4.973	3.610	1.984	12.261	0.632	2.348	24.744	26.964
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:42:57	43.750	7.813	26.563	81.771	18.750	18.750	130.209	16.667	17.708
2	07:44:05	43.750	21.875	20.313	77.084	21.875	21.875	120.313	15.104	18.750
3	07:45:13	37.500	17.188	25.000	67.188	32.813	32.813	139.063	22.396	17.708
X		41.667	15.625	23.958	75.347	24.479	24.479	129.862	18.056	18.056
σ		3.608	7.160	3.253	7.445	7.384	7.384	9.380	3.839	0.601
%RSD		8.660	45.826	13.576	9.881	30.165	30.165	7.223	21.263	3.331
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:42:57	7.813	7.813	6.250	7.813	1.563	0.000	161833.360	103.125	1.563
2	07:44:05	3.125	0.000	1.563	9.375	0.000	1.563	161397.220	104.688	1.563
3	07:45:13	9.375	3.125	4.688	3.125	1.563	1.563	162078.300	103.125	1.563
X		6.771	3.646	4.167	6.771	1.042	1.042	161769.630	103.646	1.563
σ		3.253	3.932	2.387	3.253	0.902	0.902	344.986	0.902	0.000
%RSD		48.038	107.855	57.282	48.038	86.603	86.603	0.213	0.870	0.000
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:42:57	0.000	0.000	7.813	1.563	48.438	14.063	3.125	12.500	432810.090
2	07:44:05	0.000	0.000	1.563	0.000	65.625	9.375	4.688	3.125	433072.550
3	07:45:13	0.000	0.000	3.125	0.000	43.750	9.375	0.000	6.250	431832.730
X		0.000	0.000	4.167	0.521	52.604	10.938	2.604	7.292	432571.790
σ		0.000	0.000	3.253	0.902	11.517	2.706	2.387	4.774	653.359
%RSD		0.000	0.000	78.062	173.205	21.894	24.744	91.652	65.465	0.151
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	07:42:57	468024.320	29.688	51.563	31.250	17.188	57.813	425685.100	15.625	
2	07:44:05	467588.520	23.438	64.063	32.813	18.750	50.000	429131.250	26.563	
3	07:45:13	466323.150	20.313	51.563	12.500	14.063	45.313	428192.780	12.500	
X		467312.000	24.479	55.729	25.521	16.667	51.042	427669.710	18.229	
σ		883.654	4.774	7.217	11.303	2.387	6.315	1781.623	7.384	
%RSD		0.189	19.500	12.950	44.291	14.321	12.372	0.417	40.507	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:50:57	14390.056	963.574	298.441	198.439	217467.720	53147.116	7208.068	8773.005	60504.419
2	07:52:05	13905.202	954.719	275.003	212.502	213059.860	51770.198	6790.676	8455.627	60473.037
3	07:53:13	13678.420	881.277	345.317	234.377	206511.620	50605.097	7029.854	8280.524	58262.316
x		13991.226	933.190	306.253	215.106	212346.400	51840.804	7009.533	8503.052	59746.591
σ		363.534	45.176	35.802	18.110	5512.786	1272.479	209.437	249.642	1285.516
%RSD		2.598	4.841	11.690	8.419	2.596	2.455	2.988	2.936	2.152
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:50:57	5194.694	9195.146	15879.133	66969.103	405002.900	125.001	2078.276	53194.165	921.905
2	07:52:05	4853.949	9156.058	15657.013	65076.009	399595.980	106.250	2062.649	52068.153	893.778
3	07:53:13	4935.227	8630.731	15807.178	64551.764	392416.660	82.813	1801.676	51124.128	864.089
x		4994.624	8993.978	15781.108	65532.292	399005.180	104.688	1980.867	52128.815	893.257
σ		177.968	315.188	113.332	1271.624	6313.888	21.137	155.381	1036.351	28.912
%RSD		3.563	3.504	0.718	1.940	1.582	20.191	7.844	1.988	3.237
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:50:57	27327.676	25813.927	5710.516	17244.777	18812.379	276364.790	6975.140	16134.106	8724.538
2	07:52:05	26847.078	25071.982	5530.758	17462.229	18482.261	273607.790	6989.209	15955.781	8647.929
3	07:53:13	27121.032	24906.067	5494.806	16764.518	18083.313	268020.550	6657.801	15248.759	8343.060
x		27098.595	25263.992	5578.694	17157.175	18459.317	272664.380	6874.050	15779.548	8571.843
σ		241.083	483.428	115.568	357.009	365.074	4251.367	187.409	468.245	201.800
%RSD		0.890	1.914	2.072	2.081	1.978	1.559	2.726	2.967	2.354
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:50:57	13141.980	6542.123	3255.058	9735.608	1667.285	1667.285	5305.151	2286.641	21.875
2	07:52:05	13140.416	6226.357	3275.375	9633.977	1604.778	1604.778	5215.535	2231.424	22.396
3	07:53:13	12880.804	6063.787	3183.167	9441.139	1609.466	1609.466	5164.996	2195.481	17.188
x		13054.400	6277.422	3237.867	9603.575	1627.176	1627.176	5228.561	2237.849	20.486
σ		150.340	243.222	48.448	149.570	34.814	34.814	70.980	45.918	2.869
%RSD		1.152	3.875	1.496	1.557	2.140	2.140	1.358	2.052	14.002
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:50:57	5824.625	10602.370	11040.202	6623.410	17559.222	3.125	153210.940	475.008	6202.909
2	07:52:05	5916.850	10400.660	11154.353	6581.203	17077.389	0.000	151813.330	478.133	6298.263
3	07:53:13	5698.011	10026.955	10668.044	6199.783	16726.974	3.125	149572.690	432.819	6177.898
x		5813.162	10343.328	10954.200	6468.132	17121.195	2.083	151532.320	461.987	6226.357
σ		109.869	291.960	254.306	233.354	417.850	1.804	1835.332	25.308	63.516
%RSD		1.890	2.823	2.322	3.608	2.441	86.603	1.211	5.478	1.020
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:50:57	293.753	293.753	6340.469	4227.188	38832.394	61996.735	2861.224	5130.609	412481.110
2	07:52:05	287.503	287.503	6157.577	4161.544	38605.217	61127.375	2804.963	4905.530	407862.240
3	07:53:13	253.127	253.127	6154.450	4128.721	37922.141	60640.934	2814.340	4993.060	405996.130
x		278.128	278.128	6217.499	4172.484	38453.251	61255.015	2826.842	5009.733	408779.830
σ		21.875	21.875	106.507	50.137	473.773	686.854	30.142	113.462	3338.447
%RSD		7.865	7.865	1.713	1.202	1.232	1.121	1.066	2.265	0.817
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	07:50:57	444957.670	338448.150	816897.660	137201.010	128762.060	306061.010	413421.790	21.875	
2	07:52:05	442666.230	337641.910	812608.430	135320.700	127587.530	300233.030	405660.230	20.313	
3	07:53:13	441349.870	335947.980	807976.800	134166.140	127344.750	299805.440	404806.840	20.313	
x		442991.260	337346.010	812494.300	135562.620	127898.110	302033.160	407962.950	20.833	
σ		1825.730	1276.080	4461.526	1531.830	757.982	3494.767	4746.710	0.902	
%RSD		0.412	0.378	0.549	1.130	0.593	1.157	1.164	4.330	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	07:58:55	12721.287	21497.934	4400.678	275.003	16318888.000	11736980.000	1577225.200	1907099.500	2713847.400
2	08:00:03	12568.026	21630.947	4360.040	275.003	16261736.000	11634767.000	1576620.000	1884295.300	2657550.400
3	08:01:11	12392.873	21850.552	4391.300	265.627	16365132.000	11671099.000	1580228.300	1891204.200	2684579.600
X		12560.729	21659.811	4384.006	271.878	16315252.000	11680949.000	1578024.500	1894199.700	2685325.800
σ		164.328	178.072	21.278	5.413	51793.680	51813.723	1932.378	11693.463	28155.921
%RSD		1.308	0.822	0.485	1.991	0.317	0.444	0.122	0.617	1.049
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	07:58:55	23181.293	133612.550	14978.160	61309.403	7950754.100	40831.445	617215.540	47662.189	19697.946
2	08:00:03	23353.448	132607.940	14964.083	62379.646	7865837.300	40189.795	615491.960	48408.442	20145.444
3	08:01:11	23081.131	133243.500	14939.057	61262.326	7920096.100	41048.218	619787.440	48088.615	19934.211
X		23205.290	133154.660	14960.434	61650.458	7912229.200	40689.819	617498.310	48053.082	19925.867
σ		137.735	508.162	19.806	631.933	43001.542	446.392	2161.659	374.393	223.866
%RSD		0.594	0.382	0.132	1.025	0.543	1.097	0.350	0.779	1.123
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	07:58:55	308409.140	299722.470	38462.646	1140074.500	853871.640	19438084.000	483177.270	357207.640	77140.525
2	08:00:03	310301.020	298214.850	38329.476	1135291.800	857077.180	19424625.000	482638.510	360978.800	78105.120
3	08:01:11	311359.620	298039.370	38193.174	1139609.800	857529.730	19566095.000	487839.250	362481.770	78471.180
X		310023.260	298658.890	38328.432	1138325.300	856159.510	19476268.000	484551.680	360222.730	77905.608
σ		1494.720	925.254	134.739	2637.425	1994.238	78082.916	2859.840	2717.139	687.397
%RSD		0.482	0.310	0.352	0.232	0.233	0.401	0.590	0.754	0.882
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	07:58:55	390122.270	188277.890	147154.020	56673.129	3653.592	3653.592	12066.552	5270.764	18.229
2	08:00:03	390741.990	189370.310	146820.930	55966.184	3891.155	3891.155	12238.573	5156.139	20.833
3	08:01:11	396763.980	189891.220	147465.010	56258.475	3686.413	3686.413	12057.691	5244.191	16.146
X		392542.750	189179.810	147146.650	56299.263	3743.720	3743.720	12120.939	5223.698	18.403
σ		3668.803	823.364	322.105	355.233	128.733	128.733	101.971	59.998	2.349
%RSD		0.935	0.435	0.219	0.631	3.439	3.439	0.841	1.149	12.762
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	07:58:55	69724.426	123063.730	132607.940	77603.962	202878.870	4.688	137783.130	8250.819	382692.500
2	08:00:03	69740.127	124505.830	133781.300	78039.136	204810.840	3.125	136909.170	8247.693	381490.680
3	08:01:11	69824.915	123435.670	134464.230	78248.086	205723.820	7.813	137139.480	8454.063	384873.370
X		69763.156	123668.410	133617.830	77963.728	204471.180	5.208	137277.260	8317.525	383018.850
σ		54.058	748.693	938.882	328.616	1452.567	2.387	452.981	118.256	1714.796
%RSD		0.077	0.605	0.703	0.421	0.710	45.826	0.330	1.422	0.448
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	07:58:55	6266.999	6266.999	376305.850	97544.389	264388.170	375677.120	337237.200	603605.240	390205.760
2	08:00:03	6292.010	6292.010	377064.530	97169.975	265594.620	375146.250	335628.090	597423.670	391188.340
3	08:01:11	6174.772	6174.772	379153.100	97977.022	266388.890	377356.460	332760.610	594266.300	393041.290
X		6244.594	6244.594	377507.830	97563.795	265457.220	376059.940	335208.630	598431.740	391478.460
σ		61.747	61.747	1474.483	403.873	1007.411	1153.763	2267.584	4750.378	1439.861
%RSD		0.989	0.989	0.391	0.414	0.380	0.307	0.676	0.794	0.368
Run	Time	165Ho	203TI	205TI	206Pb	207Pb	208Pb	209Bi	238U	
1	07:58:55	427642.270	805373.290	1944106.600	643838.760	604938.000	1439486.200	382379.600	3861885.800	
2	08:00:03	424941.580	798037.690	1949782.700	647068.970	607183.440	1440863.700	381819.600	3871199.100	
3	08:01:11	427249.530	801607.600	1946236.700	645684.970	615102.260	1445421.100	384757.820	3872225.300	
X		426611.130	801672.860	1946708.700	645530.900	609074.560	1441923.600	382985.670	3868436.700	
σ		1459.147	3668.232	2867.347	1620.606	5339.507	3106.178	1560.053	5696.434	
%RSD		0.342	0.458	0.147	0.251	0.877	0.215	0.407	0.147	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:06:51	13182.642	9.896	103.125	218.752	111450.240	6603.088	882.840	1012.536	1736.043
2	08:07:59	13010.609	12.500	98.438	220.314	109414.280	6388.928	851.588	1034.412	1731.355
3	08:09:07	13057.527	8.854	78.125	203.126	104077.750	4084.959	614.076	696.892	1167.235
X		13083.593	10.417	93.229	214.064	108314.090	5692.325	782.834	914.613	1544.878
σ		88.929	1.878	13.289	9.504	3807.389	1396.132	146.982	188.869	327.056
%RSD		0.680	18.028	14.254	4.440	3.515	24.527	18.776	20.650	21.170
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:06:51	400.006	851.588	15287.863	62508.332	79399.727	23.438	635.952	49998.279	18.750
2	08:07:59	403.131	809.398	15309.762	63255.359	78347.064	20.313	650.015	49690.959	28.125
3	08:09:07	396.881	843.775	15384.842	62737.458	75800.568	7.813	556.261	50365.189	18.750
X		400.006	834.920	15327.489	62833.716	77849.120	17.188	614.076	50018.142	21.875
σ		3.125	22.446	50.862	382.703	1850.526	8.268	50.561	337.554	5.413
%RSD		0.781	2.688	0.332	0.609	2.377	48.105	8.234	0.675	24.744
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:06:51	6896.977	339.067	2197.044	2754.953	545.323	35368.729	1243.804	190.626	65.625
2	08:07:59	6385.802	326.566	2204.858	2798.712	543.760	35429.818	1171.923	182.814	43.750
3	08:09:07	6342.032	289.065	2126.721	2706.506	356.254	32500.991	1117.231	129.688	46.875
X		6541.604	318.233	2176.208	2753.390	481.779	34433.179	1177.653	167.709	52.083
σ		308.539	26.021	43.034	46.122	108.710	1673.603	63.481	33.158	11.831
%RSD		4.717	8.177	1.977	1.675	22.564	4.860	5.390	19.771	22.716
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:06:51	248.440	125.001	100.000	95.313	21.875	21.875	113.542	18.229	18.750
2	08:07:59	231.252	95.313	107.813	85.938	26.563	26.563	111.980	21.875	20.833
3	08:09:07	156.251	75.000	78.125	63.542	29.688	29.688	112.500	19.271	16.146
X		211.981	98.438	95.313	81.597	26.042	26.042	112.674	19.792	18.576
σ		49.023	25.146	15.389	16.324	3.932	3.932	0.796	1.878	2.349
%RSD		23.126	25.545	16.146	20.006	15.100	15.100	0.706	9.488	12.643
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:06:51	59.375	106.250	135.938	64.063	206.251	0.000	145266.090	95.313	325.004
2	08:07:59	64.063	109.375	100.000	64.063	165.626	3.125	145049.850	93.750	234.377
3	08:09:07	39.063	50.000	68.750	42.188	104.688	1.563	144876.230	93.750	110.938
X		54.167	88.542	101.563	56.771	158.855	1.563	145064.060	94.271	223.440
σ		13.289	33.415	33.621	12.630	51.119	1.563	195.321	0.902	107.451
%RSD		24.533	37.739	33.104	22.247	32.180	100.000	0.135	0.957	48.090
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:06:51	3.125	3.125	300.003	39.063	356.254	573.449	171.876	312.503	399027.290
2	08:07:59	0.000	0.000	226.564	53.125	295.316	476.570	165.626	300.003	397229.790
3	08:09:07	0.000	0.000	128.126	39.063	243.752	315.628	103.125	195.314	399335.730
X		1.042	1.042	218.231	43.750	298.441	455.216	146.876	269.273	398530.940
σ		1.804	1.804	86.241	8.119	56.316	130.230	38.018	64.355	1137.333
%RSD		173.205	173.205	39.518	18.558	18.870	28.608	25.884	23.900	0.285
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	08:06:51	430620.380	798.460	1770.422	417.194	421.881	909.404	396354.410	1987.638	
2	08:07:59	435243.300	634.389	1461.012	412.506	364.067	851.588	398166.260	1823.554	
3	08:09:07	436137.140	309.378	773.458	225.002	200.001	553.136	399801.620	1176.611	
X		434000.270	580.742	1334.964	351.567	328.650	771.376	398107.430	1662.601	
σ		2960.992	248.915	510.294	109.634	115.102	191.199	1724.359	428.801	
%RSD		0.682	42.862	38.225	31.184	35.023	24.787	0.433	25.791	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:14:47	13002.790	11.458	57.813	173.439	106692.240	4027.130	573.449	657.828	1051.601
2	08:15:55	12865.165	6.250	45.313	185.939	103973.870	2958.119	400.006	498.446	820.336
3	08:17:03	12797.917	5.208	45.313	181.251	102319.810	2000.140	242.190	262.502	620.326
X		12888.624	7.639	49.479	180.209	104328.640	2995.130	405.215	472.925	830.754
σ		104.431	3.348	7.217	6.315	2207.702	1014.002	165.691	198.894	215.826
%RSD		0.810	43.835	14.586	3.504	2.116	33.855	40.890	42.056	25.980
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:14:47	390.630	771.896	15267.529	63801.530	76878.179	23.438	553.136	49974.759	17.188
2	08:15:55	415.631	785.959	15209.655	62706.070	76344.076	10.938	529.697	49811.691	29.688
3	08:17:03	415.631	750.020	15552.211	63487.636	74179.593	1.563	364.067	49146.894	4.688
X		407.297	769.292	15343.132	63331.745	75800.616	11.979	482.300	49644.448	17.188
σ		14.434	18.111	183.366	564.123	1429.022	10.975	103.061	438.540	12.500
%RSD		3.544	2.354	1.195	0.891	1.885	91.614	21.369	0.883	72.727
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:14:47	5819.935	293.753	2015.767	2312.687	337.504	31404.794	1101.605	87.500	59.375
2	08:15:55	5652.681	260.940	1850.120	2439.271	287.503	29773.181	995.347	70.313	50.000
3	08:17:03	5688.632	250.002	1907.940	2282.995	210.939	28689.717	1090.667	54.688	40.625
X		5720.416	268.232	1924.609	2344.984	278.649	29955.897	1062.540	70.834	50.000
σ		88.041	22.769	84.072	82.993	63.745	1366.729	58.447	16.413	9.375
%RSD		1.539	8.488	4.368	3.539	22.877	4.562	5.501	23.171	18.750
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:14:47	181.251	68.750	76.563	60.938	10.938	10.938	113.542	14.063	21.354
2	08:15:55	110.938	43.750	54.688	63.021	10.938	10.938	116.146	19.271	14.583
3	08:17:03	78.125	21.875	54.688	48.438	15.625	15.625	90.625	11.458	15.104
X		123.438	44.792	61.979	57.465	12.500	12.500	106.771	14.931	17.014
σ		52.687	23.455	12.630	7.887	2.706	2.706	14.043	3.978	3.768
%RSD		42.683	52.364	20.377	13.725	21.651	21.651	13.153	26.643	22.145
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:14:47	34.375	46.875	45.313	39.063	90.625	6.250	144145.450	90.625	139.063
2	08:15:55	20.313	21.875	40.625	20.313	54.688	4.688	144637.890	81.250	79.688
3	08:17:03	31.250	26.563	17.188	3.125	45.313	1.563	141407.350	110.938	56.250
X		28.646	31.771	34.375	20.833	63.542	4.167	143396.900	94.271	91.667
σ		7.384	13.289	15.068	17.974	23.919	2.387	1740.501	15.176	42.686
%RSD		25.777	41.827	43.835	86.277	37.643	57.282	1.214	16.098	46.567
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:14:47	3.125	3.125	112.500	26.563	173.439	185.939	115.625	184.376	399570.280
2	08:15:55	1.563	1.563	89.063	28.125	135.938	145.313	78.125	146.876	397441.810
3	08:17:03	0.000	0.000	48.438	10.938	115.625	114.063	34.375	62.500	390143.140
X		1.563	1.563	83.334	21.875	141.667	148.438	76.042	131.251	395718.410
σ		1.563	1.563	32.413	9.504	29.329	36.040	40.665	62.422	4944.220
%RSD		100.000	100.000	38.896	43.448	20.703	24.279	53.477	47.560	1.249
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	08:14:47	430192.140	398.443	907.841	256.252	218.752	551.573	400559.920	979.721	
2	08:15:55	432119.330	254.690	587.512	154.688	140.626	362.505	398399.180	737.519	
3	08:17:03	421889.010	117.188	273.440	100.000	100.000	226.564	390000.260	437.507	
X		428066.830	256.774	589.598	170.314	153.126	380.214	396319.790	718.249	
σ		5436.227	140.639	317.206	79.289	60.354	163.227	5578.490	271.620	
%RSD		1.270	54.772	53.800	46.555	39.415	42.930	1.408	37.817	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:22:44	13539.225	2.083	53.125	203.126	101973.590	1296.934	187.501	179.689	468.758
2	08:23:52	12908.955	1.563	39.063	215.627	101857.140	1289.121	187.501	192.189	442.194
3	08:25:00	12979.331	2.604	56.250	221.877	100540.050	973.471	126.563	126.563	390.630
X		13142.504	2.083	49.479	213.543	101456.930	1186.508	167.189	166.147	433.861
σ		345.368	0.521	9.155	9.547	796.173	184.537	35.183	34.846	39.725
%RSD		2.628	25.000	18.504	4.471	0.785	15.553	21.044	20.973	9.156
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:22:44	365.630	875.027	15495.900	62756.290	74060.226	4.688	382.818	50664.683	9.375
2	08:23:52	400.006	821.899	15522.491	63823.503	73698.990	17.188	304.691	49874.409	18.750
3	08:25:00	412.506	748.457	15351.995	64062.067	73257.666	7.813	340.629	50605.097	14.063
X		392.714	815.128	15456.795	63547.287	73672.294	9.896	342.712	50381.396	14.063
σ		24.274	63.556	91.729	695.331	401.945	6.505	39.105	440.073	4.688
%RSD		6.181	7.797	0.593	1.094	0.546	65.737	11.410	0.873	33.333
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:22:44	5280.663	264.065	1715.728	2175.166	142.188	26800.115	945.344	23.438	23.438
2	08:23:52	4966.488	245.315	1682.912	2272.056	157.813	27733.143	985.972	35.938	31.250
3	08:25:00	4922.723	231.252	1718.853	2187.668	129.688	27346.461	960.970	21.875	12.500
X		5056.625	246.877	1705.831	2211.630	143.230	27293.240	964.095	27.083	22.396
σ		195.253	16.462	19.910	52.703	14.092	468.786	20.493	7.708	9.418
%RSD		3.861	6.668	1.167	2.383	9.838	1.718	2.126	28.459	42.054
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:22:44	65.625	14.063	31.250	45.833	14.063	14.063	116.667	15.104	15.104
2	08:23:52	65.625	21.875	29.688	41.146	10.938	10.938	96.354	12.500	15.625
3	08:25:00	54.688	14.063	46.875	35.938	21.875	21.875	102.605	14.063	20.833
X		61.979	16.667	35.938	40.972	15.625	15.625	105.209	13.889	17.188
σ		6.315	4.511	9.504	4.950	5.634	5.634	10.404	1.311	3.168
%RSD		10.189	27.063	26.447	12.082	36.056	36.056	9.889	9.437	18.433
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:22:44	14.063	12.500	7.813	14.063	14.063	0.000	146547.830	112.500	29.688
2	08:23:52	6.250	15.625	10.938	6.250	29.688	0.000	144805.200	93.750	21.875
3	08:25:00	6.250	7.813	9.375	10.938	12.500	3.125	145502.860	81.250	26.563
X		8.854	11.979	9.375	10.417	18.750	1.042	145618.630	95.834	26.042
σ		4.511	3.932	1.563	3.932	9.504	1.804	877.067	15.729	3.932
%RSD		50.943	32.825	16.667	37.749	50.690	173.205	0.602	16.413	15.100
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:22:44	0.000	0.000	29.688	1.563	90.625	67.188	21.875	37.500	404146.340
2	08:23:52	1.563	1.563	39.063	7.813	78.125	64.063	15.625	37.500	392504.970
3	08:25:00	0.000	0.000	10.938	6.250	82.813	53.125	14.063	25.000	396783.260
X		0.521	0.521	26.563	5.208	83.854	61.458	17.188	33.333	397811.520
σ		0.902	0.902	14.321	3.253	6.315	7.384	4.134	7.217	5888.409
%RSD		173.205	173.205	53.913	62.450	7.531	12.015	24.052	21.651	1.480
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	08:22:44	440080.340	110.938	254.690	64.063	70.313	143.751	403958.320	176.564	
2	08:23:52	429514.390	85.938	190.626	64.063	62.500	134.376	391596.160	212.502	
3	08:25:00	429796.110	78.125	150.001	39.063	35.938	96.875	400772.000	121.876	
X		433130.280	91.667	198.439	55.729	56.250	125.001	398775.490	170.314	
σ		6020.576	17.140	52.780	14.434	18.020	24.804	6418.354	45.635	
%RSD		1.390	18.698	26.598	25.900	32.035	19.843	1.610	26.795	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:30:41	12819.812	866.172	304.691	195.314	198098.420	48359.840	6717.204	7963.156	55835.466
2	08:31:50	12805.737	866.693	312.503	154.688	194922.370	46952.031	6515.548	7598.895	54968.049
3	08:32:58	12749.437	877.631	306.253	193.751	192847.620	46895.596	6382.676	7781.806	54746.890
x		12791.662	870.165	307.816	181.251	195289.470	47402.489	6538.476	7781.286	55183.468
σ		37.239	6.471	4.134	23.017	2644.581	829.571	168.439	182.131	575.372
%RSD		0.291	0.744	1.343	12.699	1.354	1.750	2.576	2.341	1.043
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:30:41	4635.127	8414.978	15082.958	61971.626	372064.080	89.063	1582.900	48330.052	759.395
2	08:31:50	4685.143	8463.444	14982.853	60675.455	366501.140	81.250	1657.909	47293.780	809.398
3	08:32:58	4360.040	8253.946	14899.954	60829.232	361563.620	98.438	1656.346	47828.368	806.273
x		4560.103	8377.456	14988.588	61158.771	366709.610	89.584	1632.385	47817.400	791.689
σ		175.055	109.673	91.637	708.140	5253.329	8.606	42.862	518.223	28.011
%RSD		3.839	1.309	0.611	1.158	1.433	9.606	2.626	1.084	3.538
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:30:41	22924.629	23761.933	4285.018	16171.648	16850.557	252674.340	6357.664	14558.977	7894.368
2	08:31:50	22594.416	23358.143	4386.611	15880.697	16813.013	250874.280	6598.399	14235.214	7655.176
3	08:32:58	22390.971	23132.777	4292.832	15649.192	16655.015	251327.450	6274.815	14443.235	7673.936
x		22636.672	23417.618	4321.487	15900.512	16772.862	251625.360	6410.293	14412.475	7741.160
σ		269.327	318.767	56.534	261.791	103.770	936.277	168.089	164.059	133.014
%RSD		1.190	1.361	1.308	1.646	0.619	0.372	2.622	1.138	1.718
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:30:41	12023.808	5869.956	2995.626	9045.050	1573.524	1573.524	4893.546	2081.923	11.458
2	08:31:50	12148.914	5826.188	3061.266	8849.615	1540.708	1540.708	4923.244	2067.337	11.458
3	08:32:58	11847.098	5804.304	2872.164	8806.880	1484.452	1484.452	4801.849	1979.304	15.104
x		12006.606	5833.483	2976.352	8900.515	1532.895	1532.895	4872.880	2042.854	12.674
σ		151.641	33.428	96.013	126.981	45.047	45.047	63.282	55.518	2.105
%RSD		1.263	0.573	3.226	1.427	2.939	2.939	1.299	2.718	16.609
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:30:41	5380.701	9748.638	10272.442	6087.234	15946.395	1.563	141402.620	406.256	6070.039
2	08:31:50	5401.021	9468.762	10394.405	5944.987	15893.211	0.000	139283.510	418.756	5965.308
3	08:32:58	5299.420	9418.729	10078.554	6055.971	15719.581	3.125	138272.200	439.069	5649.554
x		5360.381	9545.376	10248.467	6029.397	15853.062	1.563	139652.780	421.360	5894.967
σ		53.762	177.798	159.285	74.754	118.617	1.563	1597.544	16.561	218.890
%RSD		1.003	1.863	1.554	1.240	0.748	100.000	1.144	3.930	3.713
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:30:41	229.689	229.689	5777.731	4089.648	35968.662	58452.151	2576.795	4713.277	386672.550
2	08:31:50	251.565	251.565	5794.925	3834.890	36007.823	57546.925	2654.934	4703.899	385223.230
3	08:32:58	218.752	218.752	5762.099	3741.115	35686.706	57096.686	2651.809	4807.059	385698.300
x		233.335	233.335	5778.252	3888.551	35887.730	57698.587	2627.846	4741.412	385864.690
σ		16.708	16.708	16.419	180.356	175.190	690.342	44.239	57.045	738.846
%RSD		7.160	7.160	0.284	4.638	0.488	1.196	1.683	1.203	0.191
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	08:30:41	421074.890	320954.420	780041.220	129895.690	122255.270	285890.130	388274.500	209.377	
2	08:31:50	419691.310	322146.430	775841.870	128574.440	120427.340	285684.520	389582.850	160.938	
3	08:32:58	419956.750	318380.590	769644.780	127656.900	121199.450	285483.690	383819.000	87.500	
x		420240.980	320493.820	775175.960	128709.010	121294.020	285686.110	387225.450	152.605	
σ		734.279	1924.709	5230.114	1125.448	917.626	203.227	3021.733	61.364	
%RSD		0.175	0.601	0.675	0.874	0.757	0.071	0.780	40.211	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:38:39	13553.301	6.771	1004.723	693.767	13871830.000	3157457.200	431059.240	502827.450	8636.985
2	08:39:47	13712.828	1.042	987.534	698.455	14268025.000	3243129.700	445492.420	520461.180	8869.940
3	08:40:55	13767.568	2.083	1089.104	731.269	14585407.000	3270108.400	448605.760	525903.590	8998.145
X		13677.899	3.299	1027.120	707.830	14241754.000	3223565.100	441719.140	516397.410	8835.024
σ		111.322	3.052	54.363	20.433	357512.950	58818.804	9362.070	12062.869	183.094
%RSD		0.814	92.518	5.293	2.887	2.510	1.825	2.119	2.336	2.072
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:38:39	374004.390	1128.170	25898.454	938740.140	894439.890	28094.786	456847.690	49012.057	54.688
2	08:39:47	386187.820	1123.482	27260.360	972165.190	921240.140	27548.411	466700.820	50307.173	56.250
3	08:40:55	394362.910	1168.798	27459.177	997580.760	933862.040	28642.748	472843.240	51481.658	29.688
X		384851.710	1140.150	26872.664	969495.360	916514.020	28095.315	465463.920	50266.963	46.875
σ		10244.816	24.920	849.526	29511.024	20131.534	547.168	8069.190	1235.291	14.905
%RSD		2.662	2.186	3.161	3.044	2.197	1.948	1.734	2.457	31.798
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:38:39	178166.630	1370.378	60403.996	4447.567	2762.767	62083.046	3455.105	582.824	539.073
2	08:39:47	194651.520	1395.381	65807.474	4488.205	2983.124	65498.245	3498.866	564.074	596.887
3	08:40:55	208069.930	1461.012	69481.057	4578.859	3037.823	65501.384	3386.339	604.700	590.637
X		193629.360	1408.924	65230.842	4504.877	2927.905	64360.892	3446.770	583.866	575.532
σ		14977.830	46.810	4565.921	67.215	145.605	1972.673	56.725	20.333	31.729
%RSD		7.735	3.322	7.000	1.492	4.973	3.065	1.646	3.483	5.513
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:38:39	670.328	317.191	4233.440	1345.376	412.506	412.506	110.938	27.604	16.146
2	08:39:47	667.203	351.567	4197.492	1530.811	503.134	503.134	115.105	24.479	16.146
3	08:40:55	657.828	340.629	4325.655	1668.848	567.199	567.199	115.105	18.750	19.792
X		665.120	336.462	4252.195	1515.012	494.280	494.280	113.716	23.611	17.361
σ		6.506	17.563	66.108	162.314	77.726	77.726	2.406	4.490	2.105
%RSD		0.978	5.220	1.555	10.714	15.725	15.725	2.115	19.018	12.124
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:38:39	196.876	332.816	370.317	210.939	564.074	3.125	138633.490	79.688	31.250
2	08:39:47	187.501	343.754	356.254	220.314	584.387	1.563	142838.670	62.500	21.875
3	08:40:55	198.439	373.442	400.006	250.002	610.951	0.000	144412.190	96.875	29.688
X		194.272	350.004	375.526	227.085	586.470	1.563	141961.450	79.688	27.604
σ		5.916	21.022	22.336	20.393	23.508	1.563	2987.555	17.188	5.023
%RSD		3.045	6.006	5.948	8.980	4.008	100.000	2.104	21.569	18.196
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:38:39	6.250	6.250	32.813	21.875	4575.733	132.813	678.141	1167.235	390239.470
2	08:39:47	1.563	1.563	20.313	18.750	4961.799	123.438	765.646	1289.121	401763.330
3	08:40:55	0.000	0.000	21.875	18.750	4921.160	120.313	731.269	1312.560	408596.850
X		2.604	2.604	25.000	19.792	4819.564	125.521	725.018	1256.305	400199.880
σ		3.253	3.253	6.811	1.804	212.139	6.505	44.086	78.022	9278.018
%RSD		124.900	124.900	27.243	9.116	4.402	5.183	6.081	6.210	2.318
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	08:38:39	427592.380	453.132	1145.358	1818.866	1615.716	4059.952	382095.590	595.325	
2	08:39:47	435497.750	393.755	923.467	1842.306	1526.644	3947.420	391128.930	632.827	
3	08:40:55	443420.340	273.440	709.393	1726.667	1539.145	3678.599	398762.230	610.951	
X		435503.490	373.443	926.073	1795.946	1560.502	3895.324	390662.250	613.034	
σ		7913.981	91.552	217.995	61.132	48.224	195.942	8343.116	18.837	
%RSD		1.817	24.516	23.540	3.404	3.090	5.030	2.136	3.073	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:46:37	14707.567	2.604	1062.540	543.760	14872489.000	3357850.100	458032.970	535153.390	4939.916
2	08:47:45	15109.549	2.083	1170.360	529.697	15187072.000	3392258.100	467496.100	544680.050	5038.388
3	08:48:53	15181.500	1.563	1132.857	614.076	15180989.000	3433227.400	467142.190	550714.280	4946.169
x		14999.539	2.083	1121.919	562.511	15080183.000	3394445.200	464223.750	543515.910	4974.824
σ		255.401	0.521	54.736	45.206	179894.300	37736.240	5364.291	7845.494	55.137
%RSD		1.703	25.000	4.879	8.037	1.193	1.112	1.156	1.443	1.108
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:46:37	397032.220	1170.360	29330.078	2083902.900	941590.750	28735.121	477626.610	51676.108	59.375
2	08:47:45	400299.650	1178.174	29378.615	2150039.200	955379.790	28879.161	484833.700	53313.358	51.563
3	08:48:53	406460.630	1198.488	29895.310	2181276.500	963639.040	29297.198	489444.820	53416.869	46.875
x		401264.170	1182.341	29534.668	2138406.200	953536.520	28970.493	483968.380	52802.112	52.604
σ		4787.634	14.519	313.267	49718.215	11139.120	291.957	5956.435	976.520	6.315
%RSD		1.193	1.228	1.061	2.325	1.168	1.008	1.231	1.849	12.004
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:46:37	426320.830	2794.023	144997.760	5363.507	3612.957	71965.184	3598.891	609.388	670.328
2	08:47:45	464854.560	3009.692	156554.720	5605.787	3833.327	73416.290	3526.998	565.636	612.513
3	08:48:53	487763.760	3108.151	163435.830	5466.671	3736.426	73818.354	3637.963	645.327	650.015
x		459646.390	2970.622	154996.100	5478.655	3727.570	73066.609	3587.951	606.784	644.285
σ		31050.801	160.667	9317.324	121.584	110.452	974.816	56.286	39.909	29.330
%RSD		6.755	5.409	6.011	2.219	2.963	1.334	1.569	6.577	4.552
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:46:37	943.781	498.446	5802.741	3560.860	1192.237	1192.237	109.896	17.188	19.271
2	08:47:45	907.841	420.319	5891.840	4076.623	1400.069	1400.069	109.896	20.833	26.563
3	08:48:53	912.529	460.945	5952.802	4187.072	1400.069	1400.069	110.417	22.396	19.271
x		921.384	459.903	5882.461	3941.519	1330.792	1330.792	110.070	20.139	21.701
σ		19.538	39.074	75.469	334.253	119.991	119.991	0.301	2.673	4.210
%RSD		2.120	8.496	1.283	8.480	9.017	9.017	0.273	13.271	19.399
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:46:37	159.376	337.504	368.755	210.939	609.388	0.000	145608.620	75.000	29.688
2	08:47:45	231.252	343.754	396.881	242.190	593.762	3.125	147381.340	79.688	32.813
3	08:48:53	214.064	346.879	404.693	231.252	596.887	0.000	150486.910	79.688	29.688
x		201.564	342.712	390.110	228.127	600.013	1.042	147825.620	78.125	30.729
σ		37.533	4.774	18.902	15.858	8.268	1.804	2469.305	2.706	1.804
%RSD		18.621	1.393	4.845	6.951	1.378	173.205	1.670	3.464	5.871
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:46:37	1.563	1.563	32.813	31.250	2979.998	117.188	709.393	1287.558	414785.480
2	08:47:45	4.688	4.688	23.438	31.250	3050.326	95.313	735.956	1290.683	424239.930
3	08:48:53	3.125	3.125	25.000	35.938	3133.156	131.251	673.453	1312.560	430845.780
x		3.125	3.125	27.083	32.813	3054.493	114.584	706.267	1296.934	423290.400
σ		1.563	1.563	5.023	2.706	76.664	18.110	31.369	13.623	8072.146
%RSD		50.000	50.000	18.546	8.248	2.510	15.805	4.441	1.050	1.907
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	08:46:37	449815.680	232.814	575.012	1332.875	1212.552	2814.340	401629.970	629.701	
2	08:47:45	457315.430	156.251	429.694	1190.675	1021.912	2628.367	405729.340	657.828	
3	08:48:53	463674.950	175.001	368.755	1276.620	1110.981	2714.320	413862.400	554.698	
x		456935.350	188.022	457.820	1266.723	1115.148	2719.009	407073.900	614.076	
σ		6937.448	39.908	105.966	71.615	95.388	93.075	6226.073	53.311	
%RSD		1.518	21.225	23.146	5.654	8.554	3.423	1.529	8.681	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	08:54:35	14773.260	1.042	284.378	353.129	3186710.000	700271.750	93486.140	111921.090	2323.626
2	08:55:43	14773.260	2.604	243.752	318.754	3137180.300	674537.410	93767.664	111380.950	2325.189
3	08:56:51	14516.747	1.563	270.315	342.192	3134196.000	694998.180	93404.358	112694.320	2343.942
X		14687.756	1.736	266.148	338.025	3152695.400	689935.780	93552.721	111998.780	2330.919
σ		148.098	0.796	20.631	17.563	29495.255	13593.561	190.585	660.121	11.305
%RSD		1.008	45.826	7.752	5.196	0.936	1.970	0.204	0.589	0.485
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	08:54:35	84477.162	959.407	19600.938	278602.950	261528.440	5991.881	99624.293	54116.369	14.063
2	08:55:43	82569.181	912.529	19317.740	277296.650	260701.020	6124.750	99323.774	53807.393	15.625
3	08:56:51	83078.370	1009.411	19414.746	276551.160	262227.000	6187.277	101381.910	53612.914	9.375
X		83374.904	960.449	19444.475	277483.590	261485.490	6101.303	100109.990	53845.558	13.021
σ		987.951	48.449	143.920	1038.592	763.900	99.786	1111.712	253.888	3.253
%RSD		1.185	5.044	0.740	0.374	0.292	1.635	1.110	0.472	24.980
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	08:54:35	70658.687	601.575	23639.856	2920.611	823.461	40497.947	1467.263	139.063	148.438
2	08:55:43	68341.203	584.387	22830.729	2853.410	779.709	40931.994	1457.887	101.563	156.251
3	08:56:51	66452.637	562.511	22694.575	3022.195	864.089	40599.798	1482.890	121.876	150.001
X		68484.176	582.824	23055.053	2932.072	822.420	40676.579	1469.346	120.834	151.563
σ		2106.666	19.579	511.009	84.974	42.200	226.982	12.631	18.772	4.134
%RSD		3.076	3.359	2.216	2.898	5.131	0.558	0.860	15.535	2.728
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	08:54:35	192.189	70.313	962.532	515.634	171.876	171.876	96.354	24.479	15.104
2	08:55:43	160.938	93.750	1032.850	521.364	167.188	167.188	111.459	16.667	18.229
3	08:56:51	196.876	82.813	1110.981	522.926	146.876	146.876	105.730	21.875	15.625
X		183.335	82.292	1035.454	519.975	161.980	161.980	104.514	21.007	16.319
σ		19.537	11.727	74.258	3.839	13.289	13.289	7.625	3.978	1.674
%RSD		10.656	14.251	7.172	0.738	8.204	8.204	7.296	18.936	10.259
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	08:54:35	37.500	84.375	95.313	48.438	101.563	1.563	156673.190	68.750	12.500
2	08:55:43	42.188	73.438	75.000	56.250	131.251	0.000	155954.450	89.063	14.063
3	08:56:51	46.875	68.750	82.813	60.938	154.688	4.688	154536.040	85.938	6.250
X		42.188	75.521	84.375	55.208	129.167	2.083	155721.230	81.250	10.938
σ		4.688	8.018	10.246	6.315	26.624	2.387	1087.497	10.938	4.134
%RSD		11.111	10.617	12.143	11.438	20.612	114.564	0.698	13.462	37.796
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	08:54:35	0.000	0.000	6.250	6.250	1009.411	31.250	137.501	264.065	428767.440
2	08:55:43	0.000	0.000	7.813	3.125	982.846	18.750	142.188	262.502	430852.220
3	08:56:51	0.000	0.000	9.375	6.250	1071.915	26.563	121.876	257.815	423293.720
X		0.000	0.000	7.813	5.208	1021.391	25.521	133.855	261.461	427637.800
σ		0.000	0.000	1.563	1.804	45.727	6.315	10.636	3.253	3903.817
%RSD		0.000	0.000	20.000	34.641	4.477	24.744	7.946	1.244	0.913
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	08:54:35	464756.120	39.063	100.000	307.816	304.691	804.710	423758.770	121.876	
2	08:55:43	469017.040	40.625	114.063	384.380	303.128	726.581	423181.080	132.813	
3	08:56:51	461511.240	34.375	89.063	367.192	320.316	714.080	414504.040	137.501	
X		465094.800	38.021	101.042	353.129	309.378	748.457	420481.300	130.730	
σ		3764.342	3.253	12.533	40.173	9.505	49.116	5184.508	8.018	
%RSD		0.809	8.555	12.403	11.376	3.072	6.562	1.233	6.133	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:02:34	14577.747	841.691	1292.246	720.331	15020999.000	3423851.100	464254.530	544134.850	53707.016
2	09:03:42	14543.337	845.858	1392.255	737.519	15094045.000	3423212.200	463500.560	546846.440	54128.916
3	09:04:50	14871.799	869.818	1312.560	768.771	15167730.000	3428552.000	474428.020	551008.110	54108.527
x		14664.294	852.456	1332.354	742.207	15094258.000	3425205.100	467394.370	547329.800	53981.487
σ		180.527	15.180	52.861	24.558	73365.691	2916.030	6102.978	3462.028	237.917
%RSD		1.231	1.781	3.968	3.309	0.486	0.085	1.306	0.633	0.441
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:02:34	396360.830	8572.884	28515.932	936870.040	1248977.400	28924.565	483101.470	51343.663	764.083
2	09:03:42	401800.290	8602.589	28954.313	960939.420	1213082.200	29059.213	479710.340	51108.447	815.648
3	09:04:50	404429.180	8843.361	29203.256	971212.960	1230003.800	29182.902	487455.050	52039.926	731.269
x		400863.430	8672.945	28891.167	956340.800	1230687.800	29055.560	483422.290	51497.345	770.333
σ		4114.951	148.330	347.986	17627.235	17957.372	129.207	3882.313	484.383	42.536
%RSD		1.027	1.710	1.204	1.843	1.459	0.445	0.803	0.941	5.522
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:02:34	227689.200	23056.090	74129.333	17457.535	17714.101	273405.530	8582.265	13700.316	7550.432
2	09:03:42	240989.090	22796.299	78482.178	17232.262	17670.297	270806.730	8621.351	13945.866	7483.209
3	09:04:50	250727.990	23175.033	81858.861	17343.334	18028.556	273964.530	8858.996	13964.635	7251.840
x		239802.090	23009.141	78156.790	17344.377	17804.318	272725.600	8687.537	13870.272	7428.494
σ		11565.172	193.683	3875.023	112.640	195.427	1685.128	149.768	147.485	156.635
%RSD		4.823	0.842	4.958	0.649	1.098	0.618	1.724	1.063	2.109
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:02:34	11241.922	5351.002	4503.835	10084.287	2006.391	2006.391	4584.069	1960.030	15.625
2	09:03:42	11263.814	5477.612	4413.182	10164.552	2037.645	2037.645	4656.488	2031.915	11.979
3	09:04:50	11634.423	5494.806	4577.296	10300.066	1951.696	1951.696	4778.403	2027.748	15.625
x		11380.053	5441.140	4498.104	10182.969	1998.577	1998.577	4672.987	2006.565	14.410
σ		220.563	78.534	82.207	109.062	43.504	43.504	98.212	40.354	2.105
%RSD		1.938	1.443	1.828	1.071	2.177	2.177	2.102	2.011	14.608
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:02:34	4993.060	9070.066	9559.447	5663.623	14954.698	3.125	143960.790	414.068	5232.208
2	09:03:42	4969.614	8949.677	9482.834	5838.693	15090.779	3.125	146764.100	390.630	5465.108
3	09:04:50	5054.019	9188.892	9556.320	5718.332	14688.798	1.563	147717.600	410.943	5521.379
x		5005.564	9069.545	9532.867	5740.216	14911.425	2.604	146147.500	405.214	5406.232
σ		43.570	119.608	43.358	89.563	204.455	0.902	1952.833	12.726	153.313
%RSD		0.870	1.319	0.455	1.560	1.371	34.641	1.336	3.141	2.836
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:02:34	231.252	231.252	5300.983	3744.241	34613.758	53325.905	3111.276	5587.030	410336.280
2	09:03:42	273.440	273.440	5277.537	3691.102	34795.449	53173.777	3037.823	5676.127	414669.690
3	09:04:50	246.877	246.877	5202.510	3702.042	34402.311	53717.995	3131.593	5660.496	418677.830
x		250.523	250.523	5260.343	3712.461	34603.839	53405.892	3093.564	5641.218	414561.270
σ		21.329	21.329	51.439	28.060	196.757	280.788	49.331	47.575	4171.834
%RSD		8.514	8.514	0.978	0.756	0.569	0.526	1.595	0.843	1.006
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	09:02:34	445935.910	289673.010	699889.330	116726.500	110148.010	260514.850	397355.070	607.825	
2	09:03:42	449615.780	290860.850	707912.710	118142.760	111054.990	261821.230	396884.450	659.390	
3	09:04:50	457442.850	294892.240	711268.710	119719.870	112695.890	263614.700	402820.610	579.699	
x		450998.180	291808.700	706356.920	118196.380	111299.630	261983.590	399020.040	615.638	
σ		5876.708	2735.674	5847.045	1497.405	1291.438	1556.286	3299.789	40.416	
%RSD		1.303	0.937	0.828	1.267	1.160	0.594	0.827	6.565	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:10:33	15417.690	951.073	1426.634	884.402	16215348.000	3662925.200	502507.080	586150.480	60460.484
2	09:11:41	15225.297	973.992	1536.020	910.967	16813691.000	3790267.000	516437.610	604325.370	63096.848
3	09:12:49	15267.529	926.072	1561.023	864.089	16599583.000	3794626.900	517704.490	601078.540	61833.530
X		15303.505	950.379	1507.892	886.486	16542874.000	3749273.100	512216.390	597184.800	61796.954
σ		101.117	23.967	71.474	23.508	303175.870	74811.172	8432.339	9692.912	1318.563
%RSD		0.661	2.522	4.740	2.652	1.833	1.995	1.646	1.623	2.134
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:10:33	423517.400	9600.100	30513.803	2356016.300	1352241.000	31279.519	514094.570	54132.053	796.897
2	09:11:41	438667.560	9884.669	31115.098	2463482.900	1392797.600	32236.330	533737.820	53841.897	793.772
3	09:12:49	438148.870	9720.494	31022.710	2483913.900	1385969.000	32034.314	532557.470	54398.688	801.585
X		433444.610	9735.087	30883.871	2434471.000	1377002.500	31850.055	526796.620	54124.213	797.418
σ		8601.128	142.845	323.800	68707.472	21714.213	504.317	11016.115	278.478	3.932
%RSD		1.984	1.467	1.048	2.822	1.577	1.583	2.091	0.515	0.493
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:10:33	543896.330	26862.733	180609.520	19638.489	20500.637	308509.720	9498.469	15821.256	8102.297
2	09:11:41	591731.450	27333.938	196471.500	20395.799	20639.899	313223.130	9354.624	16479.812	8572.884
3	09:12:49	609672.070	27473.267	201405.120	20419.270	21012.317	314047.180	9475.016	16066.842	8519.727
X		581766.620	27223.312	192828.710	20151.186	20717.618	311926.680	9442.703	16122.637	8398.303
σ		34001.256	319.948	10865.846	444.164	264.545	2987.721	77.175	332.805	257.723
%RSD		5.844	1.175	5.635	2.204	1.277	0.958	0.817	2.064	3.069
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:10:33	12347.521	6170.082	8325.863	14073.596	3137.845	3137.845	5281.184	2216.839	25.521
2	09:11:41	12818.248	6306.079	8649.493	14940.100	3491.052	3491.052	5563.583	2380.407	14.583
3	09:12:49	12857.346	6224.793	8824.600	14830.089	3522.309	3522.309	5350.481	2252.261	25.000
X		12674.372	6233.651	8599.985	14614.595	3383.735	3383.735	5398.416	2283.169	21.701
σ		283.735	68.430	253.027	471.737	213.520	213.520	147.175	86.053	6.170
%RSD		2.239	1.098	2.942	3.228	6.310	6.310	2.726	3.769	28.431
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:10:33	5252.528	9390.585	9887.796	5802.741	15337.917	0.000	148917.460	426.569	6098.176
2	09:11:41	5493.243	9384.331	10230.224	6055.971	15987.066	3.125	148143.860	454.695	6374.859
3	09:12:49	5269.722	9409.348	10236.479	5840.256	15999.580	1.563	154524.980	440.632	6237.299
X		5338.498	9394.755	10118.166	5899.656	15774.854	1.563	150528.770	440.632	6236.778
σ		134.289	13.019	199.531	136.666	378.450	1.563	3482.373	14.063	138.342
%RSD		2.515	0.139	1.972	2.317	2.399	100.000	2.313	3.192	2.218
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:10:33	296.878	296.878	6020.018	4128.721	35700.803	55780.564	3730.174	6656.238	431509.110
2	09:11:41	300.003	300.003	6257.620	4464.760	36731.537	58610.611	3744.241	6853.206	431222.520
3	09:12:49	281.253	281.253	6281.068	4345.974	36930.486	57790.091	3689.539	6767.228	445948.800
X		292.711	292.711	6186.235	4313.152	36454.275	57393.755	3721.318	6758.890	436226.810
σ		10.046	10.046	144.425	170.407	660.064	1456.057	28.406	98.748	8420.713
%RSD		3.432	3.432	2.335	3.951	1.811	2.537	0.763	1.461	1.930
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	09:10:33	468992.820	329027.170	803110.450	134582.530	125349.090	299660.250	416366.420	654.702	
2	09:11:41	467561.080	340729.560	834825.160	140774.590	132618.980	314043.990	413473.250	717.206	
3	09:12:49	482807.400	344182.750	835627.930	139831.010	133140.990	313339.710	430554.380	714.080	
X		473120.440	337979.830	824521.180	138396.040	130369.690	309014.650	420131.350	695.329	
σ		8419.648	7943.150	18546.580	3336.129	4355.788	8108.797	9141.786	35.219	
%RSD		1.780	2.350	2.249	2.411	3.341	2.624	2.176	5.065	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:18:32	14652.823	884.402	1293.809	532.822	14478784.000	3293925.900	452606.430	529488.690	65956.596
2	09:19:40	14468.260	889.611	1323.499	573.449	14814888.000	3395821.300	463987.820	545780.240	65787.067
3	09:20:49	14397.877	904.195	1407.882	564.074	15053405.000	3434469.500	468880.940	545421.610	66932.997
X		14506.320	892.736	1341.730	556.782	14782359.000	3374738.900	461825.060	540230.180	66225.554
σ		131.666	10.260	59.182	21.272	288687.890	72604.895	8350.036	9304.134	618.500
%RSD		0.908	1.149	4.411	3.821	1.953	2.151	1.808	1.722	0.934
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:18:32	394016.040	9288.957	28721.030	1020529.100	1229085.900	28664.667	472418.600	52580.964	806.273
2	09:19:40	402767.580	9285.829	29259.621	1136148.400	1252047.800	29311.289	477729.980	53049.880	815.648
3	09:20:49	408717.410	9428.110	29588.422	1060282.800	1301407.700	29470.993	482111.030	51607.110	900.028
X		401833.680	9334.299	29189.691	1072320.100	1260847.100	29148.983	477419.870	52412.651	840.650
σ		7395.049	81.258	437.904	58742.068	36955.150	426.963	4853.654	735.964	51.637
%RSD		1.840	0.871	1.500	5.478	2.931	1.465	1.017	1.404	6.142
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:18:32	267829.510	25458.602	87636.735	18793.604	20458.389	295428.150	8898.083	15402.048	8288.341
2	09:19:40	280755.420	25660.526	92514.219	18851.493	20819.848	301933.940	9328.044	15572.546	8460.317
3	09:20:49	285651.050	25948.545	94242.649	19065.839	21243.909	304246.290	9432.801	15657.013	8536.925
X		278078.660	25689.224	91464.534	18903.645	20840.715	300536.130	9219.643	15543.869	8428.528
σ		9207.363	246.229	3425.771	143.415	393.176	4572.235	283.362	129.879	127.304
%RSD		3.311	0.958	3.745	0.759	1.887	1.521	3.073	0.836	1.510
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:18:32	12502.343	6032.523	7572.319	11287.791	2292.371	2292.371	5132.172	2170.998	16.667
2	09:19:40	12664.987	6256.057	7731.779	11589.074	2317.375	2317.375	5142.071	2155.371	16.667
3	09:20:49	12910.519	6046.592	7698.949	11628.689	2350.193	2350.193	5209.283	2218.401	23.958
X		12692.616	6111.724	7667.682	11501.851	2319.980	2319.980	5161.175	2181.590	19.097
σ		205.486	125.194	84.203	186.437	28.999	28.999	41.955	32.823	4.210
%RSD		1.619	2.048	1.098	1.621	1.250	1.250	0.813	1.505	22.044
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:18:32	5707.390	10142.662	11091.804	6352.975	16891.230	1.563	151259.060	437.507	6082.545
2	09:19:40	5840.256	10328.733	11254.431	6689.066	17434.069	3.125	148901.670	439.069	6104.429
3	09:20:49	5766.789	10424.114	11407.678	6640.606	17321.432	0.000	146903.020	448.445	6132.566
X		5771.478	10298.503	11251.305	6560.882	17215.577	1.563	149021.250	441.673	6106.513
σ		66.557	143.141	157.960	181.676	286.483	1.563	2180.482	5.916	25.076
%RSD		1.153	1.390	1.404	2.769	1.664	100.000	1.463	1.339	0.411
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:18:32	312.503	312.503	5890.277	4120.907	42154.290	61143.067	3430.099	6215.414	432536.360
2	09:19:40	248.440	248.440	6126.313	4155.292	42572.716	62156.803	3545.753	6393.618	426800.470
3	09:20:49	293.753	293.753	6048.155	4200.618	44357.822	62713.917	3645.778	6370.170	426222.660
X		284.899	284.899	6021.582	4158.939	43028.276	62004.596	3540.543	6326.401	428519.830
σ		32.937	32.937	120.241	39.980	1170.273	796.409	107.934	96.829	3490.394
%RSD		11.561	11.561	1.997	0.961	2.720	1.284	3.049	1.531	0.815
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	09:18:32	472073.080	329960.840	798019.530	134355.400	126329.550	296598.910	418914.300	610.951	
2	09:19:40	465797.020	336845.310	818175.580	136693.050	128615.440	303917.530	411763.990	632.827	
3	09:20:49	462672.920	338272.180	825412.070	138152.300	130499.590	308482.580	411233.410	609.388	
X		466847.670	335026.110	813869.060	136400.250	128481.530	302999.670	413970.570	617.722	
σ		4787.339	4444.289	14194.978	1915.306	2088.246	5994.766	4289.614	13.104	
%RSD		1.025	1.327	1.744	1.404	1.625	1.978	1.036	2.121	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:26:33	14604.336	3.646	56.250	210.939	108088.620	2765.893	362.505	426.569	337.504
2	09:27:41	14670.028	3.646	48.438	242.190	108368.860	2565.855	337.504	385.943	407.818
3	09:28:49	14246.162	2.083	39.063	240.627	103103.540	1679.786	234.377	290.628	328.129
X		14506.842	3.125	47.917	231.252	106520.340	2337.178	311.462	367.713	357.817
σ		228.132	0.902	8.606	17.609	2962.352	578.037	67.918	69.780	43.555
%RSD		1.573	28.868	17.959	7.615	2.781	24.732	21.806	18.977	12.173
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:26:33	828.149	820.336	17319.868	91102.062	83461.846	23.438	714.080	53410.595	7.813
2	09:27:41	700.017	889.090	17174.380	89727.780	83736.886	14.063	673.453	53514.107	6.250
3	09:28:49	668.766	862.526	17432.505	85291.354	82132.298	15.625	548.448	52606.056	14.063
X		732.311	857.317	17308.917	88707.065	83110.343	17.708	645.327	53176.919	9.375
σ		84.457	34.672	129.410	3036.853	858.103	5.023	86.324	497.084	4.134
%RSD		11.533	4.044	0.748	3.423	1.032	28.364	13.377	0.935	44.096
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:26:33	30446.473	400.006	10314.660	2551.790	167.188	32452.444	929.718	17.188	18.750
2	09:27:41	27772.282	382.818	9235.797	2504.907	185.939	32646.636	825.024	14.063	28.125
3	09:28:49	24608.677	328.129	8333.680	2422.080	153.126	32275.481	871.902	14.063	35.938
X		27609.144	370.317	9294.712	2492.926	168.751	32458.187	875.548	15.104	27.604
σ		2922.315	37.533	991.803	65.680	16.462	185.644	52.442	1.804	8.606
%RSD		10.585	10.135	10.671	2.635	9.755	0.572	5.990	11.945	31.175
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:26:33	37.500	9.375	40.625	284.378	93.750	93.750	108.334	22.396	18.229
2	09:27:41	29.688	18.750	28.125	251.565	79.688	79.688	128.126	20.313	21.875
3	09:28:49	37.500	12.500	37.500	219.273	60.938	60.938	120.313	19.792	20.313
X		34.896	13.542	35.417	251.738	78.125	78.125	118.924	20.833	20.139
σ		4.511	4.774	6.505	32.553	16.462	16.462	9.969	1.378	1.829
%RSD		12.926	35.251	18.368	12.931	21.071	21.071	8.382	6.614	9.082
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:26:33	17.188	15.625	15.625	14.063	20.313	3.125	155948.140	95.313	14.063
2	09:27:41	7.813	15.625	18.750	4.688	28.125	3.125	156186.660	87.500	6.250
3	09:28:49	3.125	7.813	15.625	7.813	14.063	0.000	154251.740	103.125	7.813
X		9.375	13.021	16.667	8.854	20.833	2.083	155462.180	95.313	9.375
σ		7.160	4.511	1.804	4.774	7.046	1.804	1055.031	7.813	4.134
%RSD		76.376	34.641	10.825	53.913	33.819	86.603	0.679	8.197	44.096
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:26:33	0.000	0.000	10.938	1.563	106.250	39.063	4.688	3.125	427201.240
2	09:27:41	0.000	0.000	9.375	3.125	90.625	56.250	1.563	3.125	429065.250
3	09:28:49	1.563	1.563	6.250	1.563	53.125	37.500	1.563	6.250	423090.970
X		0.521	0.521	8.854	2.083	83.334	44.271	2.604	4.167	426452.490
σ		0.902	0.902	2.387	0.902	27.303	10.404	1.804	1.804	3056.709
%RSD		173.205	173.205	26.956	43.301	32.763	23.500	69.282	43.301	0.717
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	09:26:33	465035.300	626.576	1465.700	175.001	153.126	345.317	422469.870	3.125	
2	09:27:41	460898.170	545.323	1310.998	118.750	145.313	310.941	421525.390	7.813	
3	09:28:49	456096.120	337.504	840.650	123.438	98.438	204.689	418484.800	1.563	
X		460676.530	503.134	1205.783	139.063	132.292	286.982	420826.680	4.167	
σ		4473.713	149.083	325.538	31.211	29.578	73.311	2082.385	3.253	
%RSD		0.971	29.631	26.998	22.444	22.358	25.546	0.495	78.062	

CCV 04/30/2011 09:33:23 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:34:31	13104.445	22497.388	4525.717	262.502	16525371.000	11925182.000	1626256.500	1966360.400	2758824.100
2	09:35:39	12779.151	22417.054	4363.166	298.441	16658054.000	12011132.000	1629341.600	1948098.400	2745780.600
3	09:36:47	12962.128	22213.090	4728.908	256.252	16470160.000	11921878.000	1623497.000	1931689.000	2756585.600
x		12948.575	22375.844	4539.264	272.398	16551195.000	11952731.000	1626365.000	1948715.900	2753730.100
σ		163.070	146.561	183.247	22.769	96572.456	50603.850	2923.795	17343.917	6974.833
%RSD		1.259	0.655	4.037	8.359	0.583	0.423	0.180	0.890	0.253
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:34:31	25002.200	134418.490	15863.490	72097.097	8048309.400	41793.919	622996.020	47737.440	20237.762
2	09:35:39	24317.554	133981.600	15680.476	71965.184	8047838.200	40987.522	625105.550	48217.172	20333.210
3	09:36:47	24734.769	135088.830	15730.531	69936.395	8025840.000	40741.845	623697.530	48375.518	19938.905
x		24684.841	134496.310	15758.166	71332.892	8040662.500	41174.428	623933.030	48110.043	20169.959
σ		345.043	557.701	94.585	1211.199	12838.814	550.378	1074.303	332.255	205.711
%RSD		1.398	0.415	0.600	1.698	0.160	1.337	0.172	0.691	1.020
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:34:31	322763.250	301357.900	41083.991	1142683.600	867321.700	19775595.000	490009.860	367363.500	79718.684
2	09:35:39	320037.310	299889.990	40676.578	1155145.600	861749.180	19656041.000	491623.030	364300.600	77594.536
3	09:36:47	317236.820	298181.340	40262.909	1132464.400	860522.180	19617844.000	484133.330	358373.800	78526.169
x		320012.460	299809.750	40674.493	1143431.200	863197.690	19683160.000	488588.740	363345.970	78613.129
σ		2763.299	1589.799	410.545	11359.090	3623.811	82297.511	3941.900	4570.245	1064.740
%RSD		0.863	0.530	1.009	0.993	0.420	0.418	0.807	1.258	1.354
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:34:31	392928.890	192846.030	150226.370	56727.511	3761.433	3761.433	12089.488	5306.715	15.625
2	09:35:39	396993.670	191895.870	148229.110	56395.994	3845.830	3845.830	12197.914	5178.022	16.667
3	09:36:47	395732.840	191020.190	148683.800	56757.317	3920.851	3920.851	12320.415	5274.932	19.271
x		395218.470	191920.700	149046.430	56626.941	3842.704	3842.704	12202.606	5253.223	17.188
σ		2080.635	913.177	1046.848	200.560	79.755	79.755	115.535	67.037	1.878
%RSD		0.526	0.476	0.702	0.354	2.075	2.075	0.947	1.276	10.926
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:34:31	69649.059	123714.630	133404.370	78381.628	207186.920	7.813	135626.710	8499.403	389080.360
2	09:35:39	70393.319	123572.780	133667.750	78768.120	206235.810	0.000	136729.330	8369.639	386950.230
3	09:36:47	69272.234	123706.750	135203.980	78644.002	208307.730	3.125	138071.840	8441.556	388306.610
x		69771.537	123664.720	134092.030	78597.917	207243.490	3.646	136809.290	8436.866	388112.400
σ		570.490	79.717	971.938	197.324	1037.120	3.932	1224.525	65.009	1078.266
%RSD		0.818	0.064	0.725	0.251	0.500	107.855	0.895	0.771	0.278
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:34:31	6295.137	6295.137	383547.800	99627.440	266267.910	378636.540	339433.620	602394.780	393181.000
2	09:35:39	6431.135	6431.135	382193.470	99037.421	268077.860	380569.720	335546.520	602925.870	395448.560
3	09:36:47	6188.840	6188.840	378448.860	97088.172	266513.050	379366.470	336360.650	603846.360	394385.400
x		6305.037	6305.037	381396.710	98584.344	266952.940	379524.240	337113.600	603055.670	394338.320
σ		121.450	121.450	2641.196	1328.883	981.887	976.198	2050.023	734.445	1134.516
%RSD		1.926	1.926	0.693	1.348	0.368	0.257	0.608	0.122	0.288
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	09:34:31	426481.780	808675.660	1960411.500	649758.900	611425.940	1452188.200	382219.140	3911207.500	
2	09:35:39	429924.900	814500.820	1975147.800	653495.560	614357.140	1451572.200	384016.390	3901661.400	
3	09:36:47	431559.020	809985.920	1958695.100	658330.440	613476.740	1450095.400	380428.530	3883504.700	
x		429321.900	811054.130	1964751.500	653861.640	613086.610	1451285.300	382221.350	3898791.200	
σ		2591.773	3055.969	9044.295	4297.482	1504.038	1075.468	1793.927	14072.654	
%RSD		0.604	0.377	0.460	0.657	0.245	0.074	0.469	0.361	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:42:27	13375.008	3.125	68.750	235.939	100412.600	1887.625	259.377	343.754	567.199
2	09:43:35	13522.022	5.729	93.750	201.564	101665.160	2781.521	382.818	404.693	832.837
3	09:44:43	13079.422	6.771	48.438	223.439	100870.490	1893.876	284.378	323.441	654.702
X		13325.484	5.208	70.313	220.314	100982.750	2187.674	308.858	357.296	684.913
σ		225.417	1.878	22.697	17.400	633.782	514.296	65.260	42.285	135.371
%RSD		1.692	36.056	32.280	7.898	0.628	23.509	21.129	11.835	19.765
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:42:27	409.381	854.713	15915.110	69455.935	79629.124	4.688	378.130	49266.054	10.938
2	09:43:35	484.383	846.900	15814.999	69766.819	79946.514	12.500	451.570	50164.485	21.875
3	09:44:43	409.381	870.339	15852.541	69744.837	79044.641	7.813	431.257	49545.142	14.063
X		434.382	857.317	15860.883	69655.864	79540.093	8.333	420.319	49658.560	15.625
σ		43.303	11.935	50.574	173.492	457.481	3.932	37.922	459.829	5.634
%RSD		9.969	1.392	0.319	0.249	0.575	47.186	9.022	0.926	36.056
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:42:27	11287.270	290.628	3778.625	2323.626	237.502	26898.738	1101.605	42.188	34.375
2	09:43:35	11015.183	262.502	3634.837	2326.752	290.628	28245.082	1087.541	60.938	53.125
3	09:44:43	10585.170	265.627	3473.860	2292.371	210.939	26690.535	1084.416	45.313	29.688
X		10962.541	272.919	3629.107	2314.250	246.356	27278.118	1091.188	49.479	39.063
σ		353.998	15.416	152.463	19.012	40.576	843.861	9.156	10.046	12.402
%RSD		3.229	5.648	4.201	0.822	16.470	3.094	0.839	20.302	31.749
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:42:27	46.875	32.813	43.750	88.542	17.188	17.188	100.000	18.229	18.750
2	09:43:35	92.188	45.313	51.563	101.042	40.625	40.625	111.980	15.625	15.104
3	09:44:43	70.313	25.000	43.750	87.500	35.938	35.938	109.375	12.500	13.542
X		69.792	34.375	46.354	92.361	31.250	31.250	107.118	15.451	15.799
σ		22.661	10.246	4.511	7.536	12.402	12.402	6.300	2.869	2.673
%RSD		32.469	29.807	9.731	8.159	39.686	39.686	5.882	18.565	16.917
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:42:27	25.000	51.563	79.688	45.313	98.438	1.563	143361.050	121.876	96.875
2	09:43:35	35.938	75.000	71.875	45.313	93.750	0.000	144664.720	78.125	121.876
3	09:44:43	40.625	59.375	32.813	31.250	65.625	1.563	145023.020	110.938	53.125
X		33.854	61.979	61.458	40.625	85.938	1.042	144349.600	103.646	90.625
σ		8.018	11.934	25.114	8.119	17.747	0.902	874.647	22.768	34.799
%RSD		23.684	19.255	40.863	19.985	20.651	86.603	0.606	21.967	38.398
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:42:27	0.000	0.000	57.813	7.813	267.190	393.755	28.125	53.125	401250.780
2	09:43:35	1.563	1.563	134.376	26.563	209.377	354.692	65.625	139.063	395593.110
3	09:44:43	0.000	0.000	67.188	12.500	200.001	264.065	35.938	50.000	398529.300
X		0.521	0.521	86.459	15.625	225.523	337.504	43.229	80.729	398457.730
σ		0.902	0.902	41.761	9.758	36.388	66.532	19.785	50.543	2829.516
%RSD		173.205	173.205	48.302	62.450	16.135	19.713	45.767	62.607	0.710
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	09:42:27	432452.630	293.753	714.080	115.625	90.625	267.190	396092.610	504.696	
2	09:43:35	434346.300	315.628	887.528	193.751	167.188	382.818	396951.910	734.394	
3	09:44:43	433101.540	260.940	568.761	131.251	101.563	242.190	393688.440	475.008	
X		433300.150	290.107	723.456	146.876	119.792	297.399	395577.650	571.366	
σ		962.332	27.526	159.590	41.340	41.409	75.023	1691.579	141.964	
%RSD		0.222	9.488	22.059	28.146	34.567	25.226	0.428	24.846	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:50:24	15111.113	2.604	117.188	457.820	634661.810	2760059.100	367118.250	435827.910	9278.012
2	09:51:32	16364.055	3.125	96.875	473.445	668013.200	2881763.300	383504.470	459454.320	9571.956
3	09:52:40	16777.033	1.042	104.688	600.013	693258.720	2999143.400	398320.470	473245.290	10105.135
x		16084.067	2.257	106.250	510.426	665311.240	2880321.900	382981.060	456175.840	9651.701
σ		867.535	1.084	10.246	77.977	29391.752	119548.690	15607.694	18922.908	419.288
%RSD		5.394	48.038	9.643	15.277	4.418	4.151	4.075	4.148	4.344
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:50:24	265268.320	1318.811	18231.939	3111263.900	521757.190	16827.092	280643.880	52681.333	68.750
2	09:51:32	278204.680	1370.378	19061.145	3375084.500	583731.780	17725.052	299248.630	55586.058	51.563
3	09:52:40	289497.640	1384.442	19638.489	3487093.200	598393.430	18084.877	307535.930	57551.631	73.438
x		277656.880	1357.877	18977.191	3324480.500	567960.800	17545.674	295809.480	55273.007	64.583
σ		12123.942	34.555	707.023	192957.200	40679.491	647.795	13771.940	2450.194	11.517
%RSD		4.367	2.545	3.726	5.804	7.162	3.692	4.656	4.433	17.833
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:50:24	702443.020	3409.782	237557.320	6281.068	2533.037	56183.702	2447.085	34.375	146.876
2	09:51:32	802628.200	3755.181	269744.730	6660.927	2723.697	60072.916	2483.028	42.188	198.439
3	09:52:40	842546.780	4061.515	283593.470	6778.170	2867.475	62023.412	2612.739	40.625	137.501
x		782539.330	3742.159	263631.840	6573.389	2708.070	59426.677	2514.284	39.063	160.938
σ		72179.901	326.062	23619.003	259.856	167.766	2973.008	87.138	4.134	32.813
%RSD		9.224	8.713	8.959	3.953	6.195	5.003	3.466	10.583	20.388
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:50:24	2615.865	1253.180	2598.674	5044.119	1651.658	1651.658	103.125	21.875	26.563
2	09:51:32	2642.432	1264.118	2861.224	5596.930	2039.208	2039.208	110.938	29.167	19.792
3	09:52:40	2715.883	1432.884	2833.093	6116.934	2028.269	2028.269	115.625	23.438	17.708
x		2658.060	1316.728	2764.330	5585.994	1906.378	1906.378	109.896	24.826	21.354
σ		51.808	100.743	144.151	536.491	220.662	220.662	6.315	3.839	4.629
%RSD		1.949	7.651	5.215	9.604	11.575	11.575	5.746	15.464	21.679
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:50:24	103.125	179.689	228.127	125.001	314.066	1.563	146042.700	64.063	31.250
2	09:51:32	167.188	239.065	235.939	139.063	368.755	3.125	155264.180	68.750	29.688
3	09:52:40	143.751	250.002	220.314	135.938	389.068	7.813	159189.850	92.188	42.188
x		138.022	222.918	228.127	133.334	357.296	4.167	153498.910	75.000	34.375
σ		32.414	37.835	7.813	7.384	38.792	3.253	6749.001	15.068	6.811
%RSD		23.484	16.973	3.425	5.538	10.857	78.062	4.397	20.091	19.813
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:50:24	0.000	0.000	31.250	15.625	734.394	292.190	3173.790	5959.055	414053.770
2	09:51:32	1.563	1.563	23.438	6.250	542.198	245.315	3450.417	6154.450	438111.820
3	09:52:40	0.000	0.000	26.563	21.875	531.260	187.501	3598.891	6362.354	444556.400
x		0.521	0.521	27.083	14.583	602.617	241.669	3407.699	6158.620	432240.660
σ		0.902	0.902	3.932	7.864	114.253	52.440	215.746	201.682	16076.553
%RSD		173.205	173.205	14.519	53.927	18.959	21.699	6.331	3.275	3.719
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	09:50:24	453148.250	221.877	482.821	987.534	898.466	2314.250	405808.090	1212.552	
2	09:51:32	473229.150	189.064	417.194	1012.536	912.529	2147.036	419477.340	1195.363	
3	09:52:40	480910.630	134.376	331.254	979.721	893.778	2157.976	427144.910	1242.242	
x		469096.010	181.772	410.423	993.264	901.591	2206.421	417476.780	1216.718	
σ		14335.259	44.204	76.010	17.141	9.758	93.543	10808.176	23.716	
%RSD		3.056	24.318	18.520	1.726	1.082	4.240	2.589	1.949	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	09:58:21	16863.072	0.521	104.688	523.447	908525.580	2829022.600	374536.820	446970.630	3012.818
2	09:59:29	16910.002	4.167	89.063	518.759	905852.980	2852018.100	376515.960	455444.570	3005.003
3	10:00:37	16762.954	2.604	104.688	557.823	918802.950	2928057.200	385382.120	461320.860	3084.708
X		16845.343	2.431	99.480	533.343	911060.510	2869699.300	378811.640	454578.690	3034.176
σ		75.110	1.829	9.021	21.330	6837.017	51830.786	5775.614	7214.195	43.936
%RSD		0.446	75.255	9.068	3.999	0.750	1.806	1.525	1.587	1.448
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	09:58:21	272378.380	1357.877	19787.132	3364094.300	559221.310	17144.657	284630.990	57233.168	50.000
2	09:59:29	276885.670	1417.258	19605.632	3450817.700	588889.880	17105.547	291675.650	58604.335	32.813
3	10:00:37	282372.770	1429.759	19923.258	3526194.200	599392.320	17332.383	291382.250	58508.632	45.313
X		277212.270	1401.631	19772.007	3447035.400	582501.170	17194.196	289229.630	58115.378	42.708
σ		5005.193	38.404	159.352	81116.119	20833.606	121.261	3985.242	765.514	8.885
%RSD		1.806	2.740	0.806	2.353	3.577	0.705	1.378	1.317	20.803
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	09:58:21	827529.450	3916.162	281507.500	6165.393	2093.903	53244.352	2217.360	31.250	137.501
2	09:59:29	873007.520	4044.322	293833.260	6163.829	2190.793	54354.772	2078.276	39.063	129.688
3	10:00:37	894326.880	4181.862	301276.530	6434.261	2162.664	54709.246	2228.299	45.313	148.438
X		864954.620	4047.449	292205.760	6254.494	2149.120	54102.790	2174.645	38.542	138.542
σ		34119.074	132.878	9984.495	155.685	49.844	764.264	83.637	7.046	9.418
%RSD		3.945	3.283	3.417	2.489	2.319	1.413	3.846	18.281	6.798
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	09:58:21	2586.172	1256.305	2106.405	6191.446	2097.029	2097.029	108.855	26.563	20.313
2	09:59:29	2701.818	1404.757	2015.767	6708.867	2237.675	2237.675	106.250	26.042	28.125
3	10:00:37	2706.506	1337.563	2050.147	6957.944	2253.303	2253.303	115.105	27.604	21.354
X		2664.832	1332.875	2057.440	6619.419	2196.002	2196.002	110.070	26.736	23.264
σ		68.162	74.337	45.757	391.000	86.069	86.069	4.551	0.796	4.242
%RSD		2.558	5.577	2.224	5.907	3.919	3.919	4.134	2.976	18.234
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	09:58:21	131.251	187.501	204.689	143.751	368.755	0.000	158652.670	78.125	32.813
2	09:59:29	151.563	198.439	212.502	143.751	303.128	1.563	161921.860	54.688	21.875
3	10:00:37	145.313	206.251	231.252	150.001	303.128	0.000	163706.080	81.250	28.125
X		142.709	197.397	216.147	145.834	325.004	0.521	161426.870	71.354	27.604
σ		10.404	9.418	13.652	3.608	37.890	0.902	2562.811	14.518	5.487
%RSD		7.290	4.771	6.316	2.474	11.658	173.205	1.588	20.347	19.879
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	09:58:21	3.125	3.125	12.500	12.500	421.881	112.500	3251.933	5819.935	453523.950
2	09:59:29	1.563	1.563	32.813	10.938	389.068	110.938	3261.310	5816.809	458380.000
3	10:00:37	0.000	0.000	26.563	10.938	395.318	129.688	3355.081	6098.176	462435.740
X		1.563	1.563	23.958	11.458	402.089	117.709	3289.441	5911.640	458113.230
σ		1.563	1.563	10.404	0.902	17.423	10.404	57.039	161.553	4461.878
%RSD		100.000	100.000	43.424	7.873	4.333	8.839	1.734	2.733	0.974
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	09:58:21	487275.650	79.688	196.876	831.274	750.020	1881.374	426760.230	1179.736	
2	09:59:29	495583.930	85.938	220.314	929.718	717.206	1867.310	438353.440	1162.547	
3	10:00:37	503392.130	75.000	157.813	893.778	742.207	1807.927	442967.550	1232.866	
X		495417.240	80.209	191.668	884.923	736.477	1852.203	436027.070	1191.716	
σ		8059.535	5.487	31.574	49.816	17.141	38.984	8350.347	36.658	
%RSD		1.627	6.841	16.473	5.629	2.327	2.105	1.915	3.076	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:06:19	14924.980	3.125	29.688	262.502	207145.700	556189.130	75384.312	89929.040	2467.401
2	10:07:27	14724.772	2.604	39.063	317.191	207251.920	571593.710	77541.122	92407.280	2375.197
3	10:08:35	15172.115	0.521	42.188	315.628	207044.250	566875.230	76739.939	92699.791	2473.652
X		14940.622	2.083	36.979	298.441	207147.290	564886.020	76555.124	91678.704	2438.750
σ		224.081	1.378	6.505	31.133	103.842	7892.589	1090.218	1522.295	55.127
%RSD		1.500	66.144	17.592	10.432	0.050	1.397	1.424	1.660	2.260
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:06:19	56357.823	932.843	17488.824	686980.120	176026.280	3533.249	59806.176	54971.186	28.125
2	10:07:27	57506.136	978.158	17875.239	701803.320	177424.670	3745.804	60702.130	54066.180	18.750
3	10:08:35	57556.338	984.409	17717.230	697818.170	177842.320	3605.142	60543.647	54372.025	23.438
X		57140.099	965.137	17693.764	695533.870	177097.760	3628.065	60350.651	54469.797	23.438
σ		677.935	28.141	194.273	7671.072	951.131	108.115	478.142	460.357	4.688
%RSD		1.186	2.916	1.098	1.103	0.537	2.980	0.792	0.845	20.000
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:06:19	184358.520	1045.351	62717.056	3265.998	729.706	40601.365	1164.110	31.250	67.188
2	10:07:27	188429.870	1078.166	63611.623	3242.555	689.079	40446.238	1092.229	15.625	43.750
3	10:08:35	189368.730	1096.917	63583.373	3367.584	704.705	40308.349	1106.293	15.625	53.125
X		187385.710	1073.478	63304.017	3292.046	707.830	40451.984	1120.877	20.833	54.688
σ		2663.319	26.101	508.520	66.460	20.493	146.592	38.095	9.021	11.797
%RSD		1.421	2.431	0.803	2.019	2.895	0.362	3.399	43.301	21.571
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:06:19	596.887	285.940	687.517	1353.189	440.632	440.632	102.084	25.000	18.750
2	10:07:27	634.389	270.315	675.016	1325.061	445.319	445.319	113.021	20.833	17.708
3	10:08:35	614.076	298.441	664.078	1325.582	431.257	431.257	122.917	19.792	25.000
X		615.117	284.899	675.537	1334.611	439.069	439.069	112.674	21.875	20.486
σ		18.772	14.092	11.728	16.091	7.160	7.160	10.421	2.756	3.944
%RSD		3.052	4.946	1.736	1.206	1.631	1.631	9.249	12.599	19.251
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:06:19	42.188	62.500	40.625	39.063	71.875	0.000	159371.540	107.813	39.063
2	10:07:27	28.125	40.625	48.438	39.063	70.313	0.000	156042.910	85.938	18.750
3	10:08:35	34.375	39.063	48.438	40.625	65.625	1.563	157918.040	110.938	23.438
X		34.896	47.396	45.833	39.583	69.271	0.521	157777.500	101.563	27.083
σ		7.046	13.104	4.511	0.902	3.253	0.902	1668.760	13.622	10.636
%RSD		20.191	27.648	9.841	2.279	4.695	173.205	1.058	13.412	39.270
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:06:19	0.000	0.000	32.813	4.688	120.313	54.688	709.393	1200.050	441925.060
2	10:07:27	1.563	1.563	21.875	1.563	101.563	35.938	706.267	1276.620	432637.800
3	10:08:35	3.125	3.125	25.000	7.813	137.501	34.375	734.394	1217.239	440911.640
X		1.563	1.563	26.563	4.688	119.792	41.667	716.685	1231.303	438491.500
σ		1.563	1.563	5.634	3.125	17.975	11.303	15.416	40.175	5094.715
%RSD		100.000	100.000	21.209	66.667	15.005	27.128	2.151	3.263	1.162
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	10:06:19	478290.460	60.938	210.939	260.940	257.815	659.390	431765.110	415.631	
2	10:07:27	469191.370	70.313	123.438	285.940	264.065	554.698	421916.370	304.691	
3	10:08:35	475202.430	70.313	117.188	237.502	215.627	490.633	424634.200	340.629	
X		474228.090	67.188	150.522	261.461	245.835	568.241	426105.220	353.650	
σ		4627.133	5.413	52.416	24.223	26.348	85.190	5086.488	56.605	
%RSD		0.976	8.056	34.823	9.265	10.718	14.992	1.194	16.006	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:14:16	16676.916	893.778	367.192	542.198	916324.560	2747725.200	362499.390	434442.920	60691.146
2	10:15:24	17366.800	927.113	364.067	575.012	949042.730	2819671.700	371108.450	447030.270	61362.756
3	10:16:32	17190.024	934.406	425.006	581.262	936303.390	2824576.200	373821.570	447088.290	61686.019
x		17077.913	918.432	385.422	566.157	933890.230	2797324.400	369143.140	442853.820	61246.640
σ		358.345	21.660	34.317	20.983	16492.037	43024.073	5911.409	7284.116	507.499
%RSD		2.098	2.358	8.904	3.706	1.766	1.538	1.601	1.645	0.829
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:14:16	274031.420	9177.947	19773.050	3380016.700	889538.370	16823.963	274117.420	56403.315	820.336
2	10:15:24	280626.360	9328.044	20220.550	3504107.900	904112.550	16683.173	278607.730	56589.988	842.212
3	10:16:32	280256.710	9295.210	20394.234	3537134.300	904284.670	16672.223	285329.080	58235.645	829.712
x		278304.830	9267.067	20129.278	3473753.000	899311.860	16726.453	279351.410	57076.316	830.753
σ		3705.492	78.907	320.493	82840.496	8464.531	84.624	5642.706	1008.337	10.975
%RSD		1.331	0.851	1.592	2.385	0.941	0.506	2.020	1.767	1.321
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:14:16	853773.860	26449.462	285196.790	19610.326	18812.379	275791.370	7536.362	14435.415	7612.966
2	10:15:24	917213.340	26709.320	305393.830	19611.890	18973.529	283567.970	7841.214	14571.490	7669.246
3	10:16:32	938588.450	27119.467	313350.890	19730.804	18951.625	282567.180	7711.456	14695.054	7622.346
x		903191.880	26759.417	301313.840	19651.006	18912.511	280642.170	7696.344	14567.320	7634.852
σ		44111.561	337.800	14513.719	69.111	87.406	4230.618	152.987	129.870	30.153
%RSD		4.884	1.262	4.817	0.352	0.462	1.507	1.988	0.892	0.395
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:14:16	13689.368	6940.748	5374.448	14763.875	3550.441	3550.441	4733.076	2005.349	23.438
2	10:15:24	14035.016	6867.275	5343.187	15547.518	3755.181	3755.181	4759.126	2054.835	13.542
3	10:16:32	14246.162	6881.345	5551.078	15662.227	3706.731	3706.731	4854.471	2044.938	19.792
x		13990.182	6896.456	5422.904	15324.540	3670.784	3670.784	4782.224	2035.041	18.924
σ		281.092	38.998	112.097	488.926	106.999	106.999	63.909	26.186	5.005
%RSD		2.009	0.565	2.067	3.190	2.915	2.915	1.336	1.287	26.447
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:14:16	5371.322	9403.094	10466.333	6093.487	16191.984	4.688	157602.080	401.568	6160.703
2	10:15:24	5360.381	9714.239	10467.896	6231.046	16212.319	0.000	158992.350	412.506	6174.772
3	10:16:32	5454.166	9742.383	10697.754	6301.390	16124.720	4.688	161419.340	412.506	6149.761
x		5395.289	9619.905	10543.994	6208.641	16176.341	3.125	159337.920	408.860	6161.745
σ		51.281	188.291	133.162	105.747	45.847	2.706	1931.955	6.315	12.538
%RSD		0.950	1.957	1.263	1.703	0.283	86.603	1.212	1.545	0.203
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:14:16	281.253	281.253	5821.498	3942.731	36249.057	57481.035	5805.867	10241.170	444045.560
2	10:15:24	284.378	284.378	6037.213	3992.745	36194.230	58215.249	5859.014	10311.533	447786.210
3	10:16:32	278.128	278.128	6110.682	3963.050	36950.851	57939.130	5823.061	10491.351	455804.200
x		281.253	281.253	5989.798	3966.175	36464.713	57878.472	5829.314	10348.018	449211.990
σ		3.125	3.125	150.309	25.153	421.900	370.847	27.119	129.020	6007.584
%RSD		1.111	1.111	2.509	0.634	1.157	0.641	0.465	1.247	1.337
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	10:14:16	486865.130	308118.600	737871.470	126171.920	118960.440	282289.900	426781.150	1143.796	
2	10:15:24	487005.740	312985.190	756563.680	129041.120	121112.790	288482.090	426800.470	1129.732	
3	10:16:32	493672.560	316364.670	768899.990	129367.490	121588.680	287830.070	433191.710	1129.732	
x		489181.140	312489.480	754445.050	128193.510	120553.970	286200.690	428924.440	1134.420	
σ		3890.317	4145.325	15622.374	1758.342	1400.399	3402.492	3695.574	8.120	
%RSD		0.795	1.327	2.071	1.372	1.162	1.189	0.862	0.716	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:22:14	16640.937	994.826	406.256	660.953	943369.740	2942310.100	389130.130	464688.340	68107.277
2	10:23:23	17061.745	965.658	396.881	668.766	969655.350	2969169.100	390965.160	468529.550	68622.233
3	10:24:31	16692.559	926.072	406.256	634.389	959575.600	2979446.400	394624.680	470686.240	68672.474
X		16798.414	962.185	403.131	654.703	957533.560	2963641.900	391573.330	467968.040	68467.328
σ		229.508	34.509	5.413	18.020	13261.250	19175.252	2797.307	3038.115	312.823
%RSD		1.366	3.586	1.343	2.752	1.385	0.647	0.714	0.649	0.457
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:22:14	282850.840	9675.150	20566.356	3448348.800	909764.450	17132.142	290364.980	56315.469	843.775
2	10:23:23	284017.390	9758.019	20145.444	3491769.000	910517.850	17674.990	293324.520	57568.888	895.341
3	10:24:31	290387.300	9707.985	20777.599	3524371.800	911449.020	17523.241	293550.980	57342.982	906.279
X		285751.840	9713.718	20496.466	3488163.200	910577.110	17443.457	292413.490	57075.780	881.798
σ		4056.575	41.731	321.820	38139.553	843.845	280.080	1777.677	668.066	33.380
%RSD		1.420	0.430	1.570	1.093	0.093	1.606	0.608	1.170	3.785
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:22:14	915898.490	28738.252	303947.850	20952.855	19475.767	299007.730	8088.226	15295.684	8122.621
2	10:23:23	960525.420	29026.334	319086.710	21281.465	19464.814	299377.860	8214.861	15408.305	8188.283
3	10:24:31	971506.970	28959.010	323078.060	20982.586	19841.895	299655.460	8504.093	15212.783	8011.621
X		949310.300	28907.865	315370.870	21072.302	19594.159	299347.020	8269.060	15305.591	8107.508
σ		29451.824	150.697	10091.916	181.750	214.616	324.968	213.165	98.137	89.296
%RSD		3.102	0.521	3.200	0.863	1.095	0.109	2.578	0.641	1.101
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:22:14	14569.926	7355.018	4707.025	15654.927	3788.002	3788.002	4909.177	2064.733	15.625
2	10:23:23	15187.757	7262.783	4552.288	16112.206	3986.494	3986.494	5091.532	2115.261	22.396
3	10:24:31	14915.595	7365.961	4605.430	16364.576	3888.029	3888.029	4968.572	2119.428	17.708
X		14891.093	7327.921	4621.581	16043.903	3887.508	3887.508	4989.760	2099.807	18.576
σ		309.643	56.675	78.623	359.721	99.247	99.247	93.006	30.447	3.468
%RSD		2.079	0.773	1.701	2.242	2.553	2.553	1.864	1.450	18.668
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:22:14	5560.457	10100.444	10980.781	6460.836	16457.912	6.250	155479.000	412.506	6076.292
2	10:23:23	5971.560	10078.554	10921.361	6457.709	16905.309	4.688	158158.170	407.818	6181.024
3	10:24:31	5730.837	10508.551	11015.183	6271.689	16817.706	3.125	159801.300	406.256	6324.837
X		5754.285	10229.183	10972.441	6396.745	16726.976	4.688	157812.830	408.860	6194.051
σ		206.552	242.187	47.464	108.313	237.097	1.563	2181.748	3.253	124.784
%RSD		3.590	2.368	0.433	1.693	1.417	33.333	1.382	0.796	2.015
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:22:14	276.565	276.565	5926.229	4070.892	37925.275	60642.503	6009.076	10458.514	442434.210
2	10:23:23	273.440	273.440	6184.151	4108.403	39235.055	61347.064	5955.929	10719.645	446930.340
3	10:24:31	275.003	275.003	5954.366	4199.055	38735.256	61135.221	6121.624	10793.138	451453.650
X		275.003	275.003	6021.582	4126.117	38631.862	61041.596	6028.876	10657.099	446939.400
σ		1.563	1.563	141.490	65.892	660.983	361.491	84.603	175.862	4509.730
%RSD		0.568	0.568	2.350	1.597	1.711	0.592	1.403	1.650	1.009
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	10:22:14	478516.600	314226.050	761767.050	129853.120	122219.020	287563.850	422957.420	1215.677	
2	10:23:23	485378.300	322087.310	782224.640	131352.670	123590.120	288816.880	424331.660	1112.543	
3	10:24:31	487424.340	322242.310	785317.260	130729.810	123246.540	294876.300	430319.330	1239.116	
X		483773.080	319518.560	776436.320	130645.200	123018.560	290419.010	425869.470	1189.112	
σ		4665.783	4584.100	12797.720	753.349	713.413	3910.636	3914.469	67.338	
%RSD		0.964	1.435	1.648	0.577	0.580	1.347	0.919	5.663	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:30:13	16579.928	1026.079	407.818	498.446	803092.290	3022757.400	399774.310	478860.660	73529.369
2	10:31:21	17013.250	1064.623	421.881	560.949	811747.420	3097447.500	409172.350	485232.850	75802.139
3	10:32:29	16925.646	1038.059	384.380	592.200	817539.090	3080741.100	416967.140	484549.290	74677.489
X		16839.608	1042.920	404.693	550.531	810792.930	3066982.000	408637.930	482880.930	74669.666
σ		229.115	19.727	18.945	47.737	7270.544	39199.997	8608.864	3498.398	1136.405
%RSD		1.361	1.891	4.681	8.671	0.897	1.278	2.107	0.724	1.522
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:30:13	289991.890	10564.843	20065.645	3441566.300	954392.750	18175.618	305548.650	56210.369	967.220
2	10:31:21	297461.890	10524.188	20466.212	3556729.400	961060.480	18454.099	310301.020	57548.494	937.531
3	10:32:29	294970.400	10395.969	20597.651	3581507.500	966097.240	18474.438	308115.400	57735.182	1018.786
X		294141.390	10495.000	20376.503	3526601.000	960516.820	18368.052	307988.360	57164.682	974.512
σ		3803.377	88.139	277.116	74677.099	5871.153	166.963	2378.729	831.714	41.116
%RSD		1.293	0.840	1.360	2.118	0.611	0.909	0.772	1.455	4.219
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:30:13	935570.110	30390.103	311589.550	22455.134	22278.295	322760.050	8955.931	16470.427	8787.077
2	10:31:21	981421.760	31204.355	325812.560	22583.461	22498.953	328384.510	8779.259	16773.904	8697.960
3	10:32:29	984073.290	31069.687	328614.720	23256.415	22693.010	329516.380	8982.511	16897.487	8979.384
X		967021.720	30888.048	322005.610	22765.003	22490.086	326886.980	8905.900	16713.940	8821.473
σ		27270.142	436.459	9128.731	430.384	207.499	3618.556	110.477	219.755	143.831
%RSD		2.820	1.413	2.835	1.891	0.923	1.107	1.240	1.315	1.630
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:30:13	15714.889	7800.567	6171.645	16668.052	3970.864	3970.864	5330.161	2321.022	22.396
2	10:31:21	16382.826	7838.087	6285.758	17239.041	4125.596	4125.596	5397.895	2355.923	16.146
3	10:32:29	16159.134	7802.130	6190.403	17383.487	4142.788	4142.788	5364.549	2318.938	15.104
X		16085.616	7813.595	6215.935	17096.860	4079.749	4079.749	5364.201	2331.961	17.882
σ		339.983	21.226	61.191	378.317	94.688	94.688	33.868	20.778	3.944
%RSD		2.114	0.272	0.984	2.213	2.321	2.321	0.631	0.891	22.054
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:30:13	6309.205	10840.049	12208.339	7050.177	18468.180	4.688	156619.480	437.507	6660.927
2	10:31:21	6207.598	11037.074	12186.446	7128.341	18751.361	0.000	161517.320	492.196	6815.688
3	10:32:29	6479.594	11255.995	12161.424	7516.039	18828.024	1.563	161572.620	429.694	6781.297
X		6332.133	11044.373	12185.403	7231.519	18682.522	2.083	159903.140	453.132	6752.637
σ		137.440	208.069	23.475	249.482	189.542	2.387	2843.866	34.055	81.263
%RSD		2.171	1.884	0.193	3.450	1.015	114.564	1.778	7.515	1.203
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:30:13	282.815	282.815	6651.548	4522.591	41591.707	65661.492	6459.272	11367.021	447039.940
2	10:31:21	300.003	300.003	6578.077	4603.867	42307.868	66711.653	6482.721	12028.499	453923.860
3	10:32:29	264.065	264.065	6700.008	4727.345	42836.001	67336.449	6657.801	11776.727	459885.040
X		282.294	282.294	6643.211	4617.934	42245.192	66569.864	6533.265	11724.082	453616.280
σ		17.975	17.975	61.392	103.099	624.510	846.433	108.487	333.867	6428.073
%RSD		6.367	6.367	0.924	2.233	1.478	1.271	1.661	2.848	1.417
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	10:30:13	482090.030	352113.160	850925.270	142581.440	133582.580	317070.690	425778.450	1198.488	
2	10:31:21	490602.270	355822.130	865545.230	146470.480	137475.500	323873.900	434768.220	1221.927	
3	10:32:29	504982.760	363635.540	883490.640	147622.880	138276.930	326295.260	442095.840	1256.305	
X		492558.350	357190.280	866653.710	145558.270	136445.010	322413.280	434214.170	1225.573	
σ		11571.039	5881.765	16310.955	2641.618	2511.110	4782.598	8172.794	29.081	
%RSD		2.349	1.647	1.882	1.815	1.840	1.483	1.882	2.373	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:38:12	15309.762	4.167	37.500	248.440	96430.615	5571.399	754.707	831.274	487.508
2	10:39:20	14935.929	4.167	26.563	260.940	96628.823	2850.284	376.567	443.757	373.442
3	10:40:28	14787.337	2.604	29.688	259.377	96764.109	2767.456	360.942	450.007	375.005
X		15011.009	3.646	31.250	256.252	96607.849	3729.713	497.406	575.013	411.985
σ		269.183	0.902	5.634	6.811	167.733	1595.484	222.967	221.951	65.410
%RSD		1.793	24.744	18.028	2.658	0.174	42.778	44.826	38.599	15.877
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:38:12	1090.667	887.528	17499.774	108803.390	82338.166	31.250	831.274	54721.794	3.125
2	10:39:20	800.022	850.025	17795.452	100360.670	82243.875	23.438	582.824	54527.302	1.563
3	10:40:28	718.768	906.279	18105.216	96896.250	82958.929	15.625	595.325	53968.938	14.063
X		869.819	881.277	17800.147	102020.100	82513.657	23.438	669.808	54406.011	6.250
σ		195.527	28.643	302.748	6124.564	388.489	7.813	139.974	390.809	6.811
%RSD		22.479	3.250	1.701	6.003	0.471	33.333	20.898	0.718	108.972
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:38:12	44733.993	429.694	15289.427	2451.773	179.689	34540.143	904.716	34.375	56.250
2	10:39:20	39007.871	401.568	13245.200	2573.669	175.001	34438.335	828.149	12.500	39.063
3	10:40:28	35486.207	351.567	11822.077	2433.020	190.626	34530.745	893.778	15.625	29.688
X		39742.690	394.276	13452.235	2486.154	181.772	34503.074	875.548	20.833	41.667
σ		4667.478	39.571	1742.922	76.368	8.018	56.262	41.411	11.831	13.471
%RSD		11.744	10.036	12.956	3.072	4.411	0.163	4.730	56.789	32.331
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:38:12	46.875	17.188	42.188	355.734	109.375	109.375	130.209	28.646	18.750
2	10:39:20	28.125	15.625	51.563	327.087	115.625	115.625	111.980	18.750	20.833
3	10:40:28	32.813	23.438	26.563	276.565	100.000	100.000	113.021	19.792	14.063
X		35.938	18.750	40.104	319.795	108.334	108.334	118.403	22.396	17.882
σ		9.758	4.134	12.630	40.085	7.864	7.864	10.237	5.438	3.468
%RSD		27.152	22.048	31.492	12.535	7.259	7.259	8.646	24.280	19.393
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:38:12	29.688	28.125	32.813	10.938	37.500	3.125	160172.620	89.063	32.813
2	10:39:20	9.375	23.438	28.125	4.688	21.875	0.000	159477.400	106.250	21.875
3	10:40:28	10.938	12.500	26.563	9.375	28.125	3.125	156414.130	114.063	4.688
X		16.667	21.354	29.167	8.333	29.167	2.083	158688.050	103.125	19.792
σ		11.303	8.018	3.253	3.253	7.864	1.804	1999.718	12.790	14.178
%RSD		67.820	37.548	11.152	39.031	26.964	86.603	1.260	12.402	71.635
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:38:12	1.563	1.563	20.313	7.813	131.251	142.188	18.750	15.625	436125.860
2	10:39:20	0.000	0.000	4.688	3.125	92.188	64.063	10.938	6.250	436514.010
3	10:40:28	0.000	0.000	12.500	15.625	89.063	54.688	9.375	6.250	433384.940
X		0.521	0.521	12.500	8.854	104.167	86.979	13.021	9.375	435341.600
σ		0.902	0.902	7.813	6.315	23.507	48.041	5.023	5.413	1705.600
%RSD		173.205	173.205	62.500	71.320	22.567	55.233	38.575	57.735	0.392
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	10:38:12	474982.800	1178.174	2814.340	310.941	285.940	634.389	432476.780	6.250	
2	10:39:20	469808.030	743.769	1753.233	128.126	154.688	332.816	427840.260	4.688	
3	10:40:28	467251.190	712.518	1703.227	150.001	121.876	337.504	426946.930	10.938	
X		470680.670	878.154	2090.266	196.356	187.501	434.903	429087.990	7.292	
σ		3938.986	260.294	627.564	99.835	86.815	172.776	2968.573	3.253	
%RSD		0.837	29.641	30.023	50.844	46.301	39.727	0.692	44.607	

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Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:46:12	14610.593	1.563	23.438	250.002	98041.524	2559.604	360.942	389.068	342.192
2	10:47:20	14607.464	0.521	21.875	234.377	97726.880	1700.101	290.628	278.128	326.566
3	10:48:29	14424.466	1.042	14.063	231.252	97802.394	1303.184	168.751	198.439	351.567
X		14547.508	1.042	19.792	238.544	97856.933	1854.297	273.440	288.545	340.108
σ		106.569	0.521	5.023	10.046	164.260	642.246	97.242	95.740	12.630
%RSD		0.733	50.000	25.378	4.211	0.168	34.636	35.562	33.180	3.713
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:46:12	768.771	857.838	17889.319	82641.472	82328.737	25.000	551.573	53231.805	7.813
2	10:47:20	646.890	809.398	17803.274	80633.169	81425.142	14.063	473.445	53539.200	0.000
3	10:48:29	587.512	803.148	17790.758	78907.951	81714.286	10.938	493.759	53021.651	7.813
X		667.724	823.461	17827.784	80727.531	81822.722	16.667	506.259	53264.219	5.208
σ		92.408	29.935	53.657	1868.548	461.453	7.384	40.536	260.293	4.511
%RSD		13.839	3.635	0.301	2.315	0.564	44.305	8.007	0.489	86.603
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:46:12	23813.582	351.567	8055.395	2378.323	173.439	34150.144	900.028	32.813	39.063
2	10:47:20	21707.104	334.379	7219.011	2354.882	145.313	34228.456	920.342	7.813	29.688
3	10:48:29	20359.810	364.067	6778.170	2231.424	157.813	34375.684	901.591	9.375	32.813
X		21960.165	350.004	7350.859	2321.543	158.855	34251.428	907.320	16.667	33.854
σ		1740.737	14.906	648.740	78.920	14.092	114.511	11.304	14.005	4.774
%RSD		7.927	4.259	8.825	3.399	8.871	0.334	1.246	84.027	14.100
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:46:12	46.875	14.063	29.688	187.501	45.313	45.313	114.063	20.313	22.396
2	10:47:20	35.938	6.250	26.563	168.751	54.688	54.688	99.480	14.063	16.667
3	10:48:29	34.375	9.375	20.313	147.917	56.250	56.250	114.063	14.583	24.479
X		39.063	9.896	25.521	168.057	52.083	52.083	109.202	16.319	21.181
σ		6.811	3.932	4.774	19.801	5.916	5.916	8.420	3.468	4.046
%RSD		17.436	39.736	18.704	11.782	11.358	11.358	7.710	21.250	19.100
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:46:12	14.063	9.375	7.813	9.375	14.063	1.563	153788.980	106.250	28.125
2	10:47:20	15.625	14.063	12.500	10.938	15.625	4.688	152075.470	90.625	6.250
3	10:48:29	12.500	4.688	9.375	12.500	7.813	1.563	151867.020	114.063	14.063
X		14.063	9.375	9.896	10.938	12.500	2.604	152577.160	103.646	16.146
σ		1.563	4.688	2.387	1.563	4.134	1.804	1054.632	11.934	11.085
%RSD		11.111	50.000	24.119	14.286	33.072	69.282	0.691	11.514	68.657
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:46:12	0.000	0.000	20.313	3.125	62.500	71.875	6.250	10.938	421063.630
2	10:47:20	0.000	0.000	12.500	1.563	62.500	39.063	6.250	6.250	420338.030
3	10:48:29	0.000	0.000	6.250	0.000	59.375	21.875	1.563	1.563	420404.000
X		0.000	0.000	13.021	1.563	61.458	44.271	4.688	6.250	420601.890
σ		0.000	0.000	7.046	1.563	1.804	25.404	2.706	4.688	401.237
%RSD		0.000	0.000	54.111	100.000	2.936	57.382	57.735	75.000	0.095
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	10:46:12	459854.390	556.261	1367.253	137.501	154.688	351.567	419141.130	15.625	
2	10:47:20	453741.640	415.631	962.532	85.938	98.438	195.314	416327.820	10.938	
3	10:48:29	456144.500	320.316	862.526	68.750	67.188	140.626	416723.480	4.688	
X		456580.180	430.736	1064.104	97.396	106.771	229.169	417397.480	10.417	
σ		3079.574	118.695	267.254	35.779	44.342	109.470	1522.950	5.487	
%RSD		0.674	27.556	25.115	36.735	41.530	47.768	0.365	52.678	

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User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	10:54:12	13462.590	22506.256	4513.213	254.690	16944678.000	12076456.000	1638791.900	1983604.300	2784148.400
2	10:55:21	12871.421	22885.504	4446.004	275.003	16931424.000	12128962.000	1641407.700	1963071.200	2766734.500
3	10:56:29	12994.970	22235.520	4388.174	281.253	16733531.000	12085883.000	1654738.100	1952868.000	2782138.900
x		13109.661	22542.427	4449.130	270.315	16869878.000	12097101.000	1644979.200	1966514.500	2777673.900
σ		311.826	326.498	62.578	13.888	118265.430	27992.978	8552.057	15654.776	9526.937
%RSD		2.379	1.448	1.407	5.138	0.701	0.231	0.520	0.796	0.343
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	10:54:12	24017.047	134733.940	15694.554	70278.694	8078293.000	41626.281	636410.520	48068.234	20079.727
2	10:55:21	24968.676	135240.260	15550.647	71293.077	8049999.600	41692.758	624487.180	48270.476	19996.798
3	10:56:29	24840.328	134410.610	15538.133	69747.978	8043300.800	41051.108	633074.920	49654.897	20491.248
x		24608.684	134794.940	15594.445	70439.916	8057197.800	41456.716	631324.210	48664.536	20189.258
σ		516.376	418.174	86.923	785.065	18573.448	352.835	6151.443	863.618	264.798
%RSD		2.098	0.310	0.557	1.115	0.231	0.851	0.974	1.775	1.312
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	10:54:12	323829.150	305310.830	41179.579	1150547.400	867242.080	20000550.000	495154.550	368998.590	79424.866
2	10:55:21	321181.310	303073.310	40870.881	1154543.500	860144.150	19690747.000	487829.910	365143.600	79105.916
3	10:56:29	322839.950	302703.090	40248.807	1142519.600	870996.410	19734849.000	487172.810	362747.770	77861.608
x		322616.810	303695.740	40766.422	1149203.500	866127.550	19808715.000	490052.420	365629.980	78797.464
σ		1337.950	1410.904	474.097	6123.555	5511.307	167590.710	4430.771	3153.666	826.015
%RSD		0.415	0.465	1.163	0.533	0.636	0.846	0.904	0.863	1.048
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	10:54:12	398916.450	190500.820	151077.460	57029.230	3878.651	3878.651	12284.967	5329.119	15.625
2	10:55:21	404014.560	194928.700	150385.850	56556.523	3825.512	3825.512	12297.478	5317.656	18.750
3	10:56:29	398648.170	189933.970	150313.220	56984.259	3914.599	3914.599	12102.520	5177.501	23.438
x		400526.390	191787.830	150592.180	56856.671	3872.921	3872.921	12228.322	5274.758	19.271
σ		3023.820	2734.801	421.838	260.906	44.819	44.819	109.127	84.423	3.932
%RSD		0.755	1.426	0.280	0.459	1.157	1.157	0.892	1.601	20.405
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	10:54:12	70931.911	126490.340	134322.280	79663.691	207710.060	3.125	138513.580	8264.890	387439.790
2	10:55:21	70445.136	125692.720	134448.460	79146.767	207947.860	3.125	138033.970	8404.034	388648.530
3	10:56:29	70782.736	125464.160	136306.570	78397.339	207133.020	6.250	137568.580	8443.119	391082.370
x		70719.928	125882.410	135025.770	79069.265	207596.980	4.167	138038.710	8370.681	389056.900
σ		249.391	538.745	1110.997	636.723	419.022	1.804	472.519	93.679	1855.305
%RSD		0.353	0.428	0.823	0.805	0.202	43.301	0.342	1.119	0.477
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	10:54:12	6485.847	6485.847	384242.660	99282.866	269810.010	381110.410	342945.710	607330.100	399674.700
2	10:55:21	6557.755	6557.755	384285.990	99831.985	271430.910	381594.970	344747.690	610058.360	401443.590
3	10:56:29	6467.088	6467.088	384733.740	99608.559	272212.770	384984.100	342177.620	609236.900	404051.530
x		6503.563	6503.563	384420.800	99574.470	271151.230	382563.160	343290.340	608875.120	401723.270
σ		47.859	47.859	271.881	276.142	1225.550	2110.549	1319.238	1399.647	2201.774
%RSD		0.736	0.736	0.071	0.277	0.452	0.552	0.384	0.230	0.548
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	10:54:12	431158.120	816510.830	1957528.400	657048.400	622061.270	1456642.000	383703.460	3929648.700	
2	10:55:21	439866.080	816560.430	1982767.000	660454.900	624121.720	1475163.500	389123.710	3972765.900	
3	10:56:29	438951.070	821702.430	1989537.300	664693.280	626006.230	1479451.300	388998.490	3955885.500	
x		436658.420	818257.900	1976610.900	660732.190	624063.070	1470418.900	387275.220	3952766.700	
σ		4785.322	2983.155	16869.056	3829.977	1973.136	12122.262	3093.871	21727.130	
%RSD		1.096	0.365	0.853	0.580	0.316	0.824	0.799	0.550	

CCB 04/30/2011 11:01:05 AM

User Pre-dilution: 1.00

Run	Time	6Li	9Be	10B	13C	23Na	24Mg	25Mg	26Mg	27Al
1	11:02:14	13473.538	15.104	82.813	189.064	114656.710	9227.979	1275.057	1534.457	2097.029
2	11:03:22	13715.956	15.104	65.625	243.752	108342.090	6209.162	807.835	990.659	1593.839
3	11:04:31	13475.102	9.896	60.938	203.126	104006.920	3505.117	471.883	637.514	1014.098
X		13554.866	13.368	69.792	211.981	109001.910	6314.086	851.592	1054.210	1568.322
σ		139.511	3.007	11.517	28.399	5355.467	2862.873	403.371	451.836	541.916
%RSD		1.029	22.494	16.503	13.397	4.913	45.341	47.367	42.860	34.554
Run	Time	28Si	31P	34S	37Cl	39K	43Ca	44Ca	45Sc	47Ti
1	11:02:14	475.008	918.780	15614.779	70008.623	85492.551	26.563	750.020	50075.110	26.563
2	11:03:22	428.131	871.902	16051.200	70982.159	81736.287	31.250	653.140	50903.028	7.813
3	11:04:31	546.885	857.838	15846.284	71660.533	80416.327	14.063	471.883	50384.005	20.313
X		483.342	882.840	15837.421	70883.772	82548.388	23.958	625.014	50454.048	18.229
σ		59.814	31.909	218.345	830.339	2633.751	8.885	141.185	418.380	9.547
%RSD		12.375	3.614	1.379	1.171	3.191	37.084	22.589	0.829	52.372
Run	Time	51V	52Cr	53Cr O	54Fe	55Mn	56Fe	57Fe	59Co	60Ni
1	11:02:14	10860.377	465.633	3609.831	2984.687	693.767	37463.120	1250.055	262.502	100.000
2	11:03:22	10189.570	345.317	3384.776	2770.581	479.696	33595.707	1203.176	179.689	40.625
3	11:04:31	10023.828	298.441	3209.735	2533.037	306.253	29687.064	1115.669	93.750	57.813
X		10357.925	369.797	3401.448	2762.768	493.239	33581.964	1189.633	178.647	66.146
σ		442.957	86.242	200.568	225.926	194.111	3888.046	68.209	84.381	30.552
%RSD		4.277	23.322	5.897	8.178	39.354	11.578	5.734	47.233	46.189
Run	Time	63Cu	65Cu	66Zn	75As	77Se	77Ar Cl	78Se	82Se	83Kr
1	11:02:14	351.567	145.313	146.876	123.438	21.875	21.875	113.021	17.188	21.354
2	11:03:22	218.752	117.188	90.625	109.375	25.000	25.000	110.417	16.146	16.667
3	11:04:31	126.563	51.563	70.313	97.917	21.875	21.875	126.042	19.792	14.583
X		232.294	104.688	102.605	110.243	22.917	22.917	116.494	17.708	17.535
σ		113.112	48.109	39.662	12.783	1.804	1.804	8.371	1.878	3.468
%RSD		48.693	45.955	38.656	11.595	7.873	7.873	7.186	10.605	19.777
Run	Time	94Mo	95Mo	96Mo	97Mo	98Mo	99Ru	103Rh	106Cd	107Ag
1	11:02:14	79.688	115.625	173.439	115.625	210.939	0.000	145362.380	120.313	365.630
2	11:03:22	65.625	114.063	90.625	68.750	143.751	1.563	144371.150	114.063	212.502
3	11:04:31	25.000	59.375	57.813	64.063	107.813	3.125	146933.010	123.438	115.625
X		56.771	96.355	107.292	82.813	154.168	1.563	145555.510	119.271	231.252
σ		28.399	32.035	59.588	28.513	52.346	1.563	1291.804	4.774	126.052
%RSD		50.023	33.247	55.538	34.431	33.954	100.000	0.887	4.002	54.509
Run	Time	108Mo O	108Cd	109Ag	111Cd	118Sn	121Sb	135Ba	137Ba	159Tb
1	11:02:14	0.000	0.000	364.067	65.625	360.942	654.702	246.877	478.133	405377.370
2	11:03:22	0.000	0.000	204.689	59.375	281.253	465.633	146.876	271.878	404623.630
3	11:04:31	4.688	4.688	109.375	28.125	193.751	285.940	85.938	135.938	404464.530
X		1.563	1.563	226.044	51.042	278.649	468.758	159.897	295.316	404821.840
σ		2.706	2.706	128.682	20.091	83.626	184.401	81.256	172.297	487.629
%RSD		173.205	173.205	56.928	39.362	30.011	39.338	50.818	58.343	0.120
Run	Time	165Ho	203Tl	205Tl	206Pb	207Pb	208Pb	209Bi	238U	
1	11:02:14	438591.850	1034.412	2429.894	518.759	551.573	1226.615	405963.990	2739.325	
2	11:03:22	441365.980	612.513	1421.946	384.380	335.941	773.458	407108.370	1879.811	
3	11:04:31	443718.440	362.505	878.152	220.314	170.314	496.884	405198.970	1053.164	
X		441225.420	669.810	1576.664	374.485	352.609	832.319	406090.440	1890.767	
σ		2566.187	339.599	787.356	149.468	191.176	368.409	960.961	843.134	
%RSD		0.582	50.701	49.938	39.913	54.217	44.263	0.237	44.592	

Performance Report

Sample details

Sample name : TUNE

Acquired at : 04/29/2011 11:38:44 AM

Report name : ISM01.2 [03/09/2010 11:16:01 AM]

Mass Calibration verification

Acquisition parameters

Sweeps : 20

Dwell : 3.0 mSecs

Point spacing : 0.05 amu

Peak width measured at 5% of the peak maximum

ICP-MS (P6) ANALYSIS RUN LOG

METHOD: ISM01.2/6020/2003
 6020
 4/80/11

PROJECT No: C1851, C1852, C1992, C1863

RUN ID: LB54819 DATE: 04/29/11 ANALYST: SJA/SJA SUPERVISOR REVIEW: Donida

QC/SAMPLE ID	STANDARD SOURCE	STD. REF. No. from Prep. Log	PREP DATE	EXPIRATION DATE	COMMENTS
TUNE	INORGANIC VENTURES	MP6679	04/28/2011	05/12/2011	
S0	_____	MP6663	04/28/2011	05/12/2011	
S1	INORGANIC VENTURES	MP6694	04/29/2011	05/01/2011	
S2	INORGANIC VENTURES	MP6677	04/28/2011	05/01/2011	
S3	INORGANIC VENTURES	MP6676	04/28/2011	05/01/2011	
S4	INORGANIC VENTURES	MP6675	04/28/2011	05/01/2011	
S5	INORGANIC VENTURES	MP6674	04/28/2011	05/01/2011	
ICV	EPA ICV-1(0307)	MP6687	04/28/2011	05/12/2011	
ICB	_____	MP6663	04/28/2011	05/12/2011	
ICSA	EPA ICSA(0803	MP6682	04/28/2011	05/12/2011	
ICSAB	EPA ICSA(0803)+ ICSB(0803)	MP6683	04/28/2011	05/12/2011	
ICSAX10	_____	MP6684	04/28/2011	05/12/2011	
ICSABX10	_____	MP6685	04/28/2011	05/12/2011	
CCV	INORGANIC VENTURES	MP6686	04/28/2011	05/01/2011	
CCB	_____	MP6663	04/28/2011	05/12/2011	

COMMENTS	SOURCE	INTERNAL STANDARD REF. NO. FROM PREP LOG, PREPARATION DATE AND EXPIRATION DATE
INTERNAL STANDARD SOURCE	INORGANIC VENTURES	INTERNAL STANDARD USED FOR THIS RUN:MP6669
		INTERNAL STANDARD PREPARATION DATE: 04/28/2011
		INTERNAL STANDARD EXPIRATION DATE: 05/12/2011
LCSW SOURCE	INORGANIC VENTURES	
LCSX SOURCE	INORGANIC VENTURES	

ANALYSIS START TIME: 11:38 AM DATE: 04/29/11 ANALYSIS END TIME: 11:01 AM DATE: 04/30/11

CHEMTECH

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP6663	04/28/2011	05/12/2011	jaswal
<p>FROM 10.00000ml of Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)(M1193 04/28/11) + 1970.00000ml of DI Water(W1152) + 20.00000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M1828) = Final Quantity: 2000.000 ml</p>					

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
870	ICPMS SPIKE SOL.B	MP6666	04/28/2011	05/01/2011	jaswal
<p>FROM 5.00000ml of SOIL/WATER SPIKE SOLN 1, 125mL(M1369) + 5.00000ml of SOIL/WATER SPIKE SOLN 4, 125mL(M1210) + 40.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 50.000 ml</p>					

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP6645	04/22/2011	05/06/2011	jaswal
<u>FROM</u>	10.00000ml of Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)(M1097) + 1970.00000ml of DI Water(W1152) + 20.00000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M1821) = Final Quantity: 2000.000 ml				

M1788 4/27/11

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
857	ICPMS INT. STANDARD	<u>MP6669</u>	04/28/2011	05/12/2011	jaswal
FROM 10.00000ml of 6020CLPM9 INT STD SOLN, 125mL(M1526) + 10.00000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M1828) + 980.00000ml of DI Water(W1152) = Final Quantity: 1000.000 ml					

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1125	SOL C(100PPM) ISM01.2	<u>MP6672</u>	04/28/2011	05/01/2011	jaswal
FROM 2.50000ml of CHEM-CLP-4/.25L(M1321) + 22.50000ml of ICPMS CALIB BLANK(S0/ICB/CCB) (MP6663) = Final Quantity: 25.000 ml					

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1426	S5 ICPMS ISM01.2	MP6674	04/28/2011	05/01/2011	jaswal
<p>FROM 0.10000ml of COPPER 125mL 1000ug/mL(M1657) + 0.10000ml of MANGANESE, 125mL 1000ug/mL(M1656) + 0.10000ml of Thorium 1000 ug/ml(M1670) + 0.10000ml of Uranium 1000 ug/ml(M1677) + 0.10000ml of ZINC 125mL 1000ug/mL(M1668) + 0.19000ml of Aluminium, Al, 125 ml, 10,000 ug/ml(M1356) + 0.20000ml of Phosphorus, 125 ml, 10000 ug/ml(M1551) + 0.40000ml of BARIUM 125mL 1000ug/mL(M1659) + 0.49000ml of Iron, Fe, 125 ml, 10,000 ug/ml(M1357) + 0.49000ml of POTASSIUM 125mL 10,000ug/mL(M1679) + 0.99000ml of CALCIUM 125mL 10,000ug/mL(M1433) + 0.99000ml of MAGNESIUM 125mL 10,000ug/mL(M1363) + 0.99000ml of SODIUM 125mL 10,000ug/mL(M1669) + 5.00000ml of Calibration Standard Method 6020(M1436) + 1.00000ml of SOL C(100PPM) ISM01.2(MP6672) + 88.76000ml of ICPMS CALIB BLANK(S0/ICB/CCB) (MP6663) = Final Quantity: 100.000 ml</p>					

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1427	S4 ICPMS ISM01.2	MP6675	04/28/2011	05/01/2011	jaswal
<p>FROM 25.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) + 25.00000ml of S5 ICPMS ISM01.2(MP6674) = Final Quantity: 50.000 ml</p>					

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1428	S3 ICPMS ISM01.2	MP6676	04/28/2011	05/01/2011	jaswal
FROM 12.5000ml of S5 ICPMS ISM01.2(MP6674) + 37.5000ml of ICPMS CALIB BLANK(S0/ICB/CCB) (MP6663) = Final Quantity: 50.000 ml					

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1429	S2 ICPMS ISM01.2	MP6677	04/28/2011	05/01/2011	jaswal
FROM 43.7500ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) + 6.2500ml of S5 ICPMS ISM01.2(MP6674) = Final Quantity: 50.000 ml					

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1120	ICPMS ISM01.2 S1(CONC)	MP6693	04/29/2011	05/01/2011	jaswal
FROM	0.05000ml of ARSENIC 125mL 1000ug/mL(M1673) + 0.05000ml of BERYLLIUM 125mL 1000ug/mL(M1671) + 0.05000ml of CADMIUM, 125mL 1000ug/mL(M1672) + 0.05000ml of COBALT 125mL 1000ug/mL(M1665) + 0.05000ml of LEAD 125mL 1000ug/mL(M1598) + 0.05000ml of MANGANESE, 125mL 1000ug/mL(M1656) + 0.05000ml of NICKEL 125mL 1000ug/mL(M1655) + 0.05000ml of SILVER 125mL 1000ug/mL(M1675) + 0.05000ml of THALLIUM 125mL 1000ug/mL(M1676) + 0.10000ml of Aluminium, Al, 125 ml, 10,000 ug/ml(M1356) + 0.10000ml of ANTIMONY HF, 125mL 1,000ug/mL(M1466) + 0.10000ml of CHROMIUM(+3) 125mL 1000ug/mL(M1662) + 0.10000ml of COPPER 125mL 1000ug/mL(M1657) + 0.10000ml of ZINC 125mL 1000ug/mL(M1668) + 0.25000ml of CHEM-CLP-4/ 25L(M1321) + 0.25000ml of SELENIUM 125mL 1000ug/mL(M1660) + 0.25000ml of VANADIUM 125mL 1000ug/mL(M1674) + 0.50000ml of BARIUM 125mL 1000ug/mL(M1659) + 1.00000ml of Iron, Fe, 125 ml, 10,000 ug/ml(M1357) + 2.50000ml of CALCIUM 125mL 10,000ug/mL(M1433) + 2.50000ml of MAGNESIUM 125mL 10,000ug/mL(M1363) + 2.50000ml of POTASSIUM 125mL 10,000ug/mL(M1679) + 2.50000ml of SODIUM 125mL 10,000ug/mL(M1669) + 236.80000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 250 000 ml				
1130	ICPMS ISM01.2 S1	MP6694	04/29/2011	05/01/2011	jaswal
FROM	0.25000ml of ICPMS ISM01.2 S1(CONC.)(MP6693) + 49.75000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 50.000 ml				

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1135	MG 10PPM ILM05.4 FOR TUNE	MP6678	04/28/2011	05/12/2011	jaswal
FROM 0.10000ml of MAGNESIUM 125mL 10,000ug/mL(M1363) + 99.90000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 100.000 ml					

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1172	TUNE SOL 100PPB ICPMS	MP6679	04/28/2011	05/12/2011	jaswal
FROM 1.00000ml of TUNE-A,(M1518) + 1.00000ml of MG 10PPM ILM05.4 FOR TUNE(MP6678) + 98.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 100.000 ml					

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1174	TUNE SOL 10PPB ICPMS	<u>MP6680</u>	04/28/2011	05/12/2011	jaswal
FROM 0.10000ml of TUNE-A,(M1518) + 0.10000ml of MG 10PPM ILM05.4 FOR TUNE(MP6678) + 99.80000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 100.000 ml					

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1140	TUNE SOL 200PPB XCAL	<u>MP6681</u>	04/28/2011	05/12/2011	jaswal
FROM 2.00000ml of Tune D25 Cross Cal Solution, 10 PPM(M1710) + 98.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 100.000 ml					

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1142	ICSA ICPMS	MP6682	04/28/2011	05/12/2011	jaswal
FROM 5.00000ml of ICSA (ICPMS) STOCK SOLN(M1441) + 45.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 50.000 ml					

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1143	ICSAB ICPMS	MP6683	04/28/2011	05/12/2011	jaswal
FROM 5.00000ml of ICSA (ICPMS) STOCK SOLN(M1441) + 5.00000ml of ICSB (ICPMS) STOCK SOLUTION(M1461) + 40.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 50.000 ml					

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1165	ICSAX10	MP6684	04/28/2011	05/12/2011	jaswal
FROM 2 50000ml of ICSA ICPMS(MP6682) + 22 50000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 25.000 ml					

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1166	ICSABX10	MP6685	04/28/2011	05/12/2011	jaswal
FROM 2 50000ml of ICSAB ICPMS(MP6683) + 22 50000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 25.000 ml					

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Metals STANDARD PREPARATION LOG

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1430	CCV ICPMS ISM01.2	MP6686	04/28/2011	05/01/2011	jaswal
<p>FROM 0.25000ml of COPPER 125mL 1000ug/mL(M1657) + 0.25000ml of MANGANESE, 125mL 1000ug/mL(M1656) + 0.25000ml of Thorium 1000 ug/ml(M1670) + 0.25000ml of Uranium 1000 ug/ml(M1677) + 0.25000ml of ZINC 125mL 1000ug/mL(M1668) + 0.47500ml of Aluminium, Al, 125 ml, 10,000 ug/ml(M1356) + 0.50000ml of Phosphorus, 125 ml, 10000 ug/ml(M1551) + 1.00000ml of BARIUM 125mL 1000ug/mL(M1659) + 1.22500ml of Iron, Fe, 125 ml, 10,000 ug/ml(M1357) + 1.22500ml of POTASSIUM 125mL 10,000ug/mL(M1679) + 12.50000ml of Calibration Standard Method 6020(M1436) + 2.47500ml of CALCIUM 125mL 10,000ug/mL(M1433) + 2.47500ml of MAGNESIUM 125mL 10,000ug/mL(M1363) + 2.47500ml of SODIUM 125mL 10,000ug/mL(M1669) + 2.50000ml of SOL C(100PPM) ISM01.2(MP6672) + 471.90000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 500.000 ml</p>					

RecipeID	NAME	NO.	Prep Date	Expiration D	Prepared By
1575	ICV ISM01.2 MS	MP6687	04/28/2011	05/12/2011	jaswal
<p>FROM 0.02500ml of CHEM-QC-4, Second Source, 1000 ug/ml, B, Mo, Si, Sn, Ti(M1360) + 1.00000ml of ICV (ICP/ICPMS) STOCK SOLN (M1580) + 48.97500ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6663) = Final Quantity: 50.000 ml</p>					

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
864	ICPMS RINSE SOL	<u>MP6688</u>	04/28/2011	05/12/2011	jaswal
FROM 1950.00000ml of DI Water(W1152) + 50.00000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M1828) = Final Quantity: 2000.000 ml					

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
864	ICPMS RINSE SOL	<u>MP6689</u>	04/28/2011	05/12/2011	jaswal
FROM 1950.00000ml of DI Water(W1152) + 50.00000ml of Nitric Acid, Instra-Analyzed (cs/4x2.5L)(M1828) = Final Quantity: 2000.000 ml					

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1120	ICPMS ISM01.2 S1(CONC.)	MP6473	04/13/2011	04/28/2011	jaswal
FROM	0.05000ml of ARSENIC 125mL 1000ug/mL(M1673) + 0.05000ml of BERYLLIUM 125mL 1000ug/mL(M1671) + 0.05000ml of CADMIUM, 125mL 1000ug/mL(M1672) + 0.05000ml of COBALT 125mL 1000ug/mL(M1665) + 0.05000ml of LEAD 125mL 1000ug/mL(M1598) + 0.05000ml of MANGANESE, 125mL 1000ug/mL(M1656) + 0.05000ml of NICKEL 125mL 1000ug/mL(M1655) + 0.05000ml of SILVER 125mL 1000ug/mL(M1675) + 0.05000ml of THALLIUM 125mL 1000ug/mL(M1676) + 0.10000ml of Aluminium, Al, 125 ml, 10,000 ug/ml(M1356) + 0.10000ml of ANTIMONY HF, 125mL 1,000ug/mL(M1466) + 0.10000ml of CHROMIUM(+3) 125mL 1000ug/mL(M1662) + 0.10000ml of COPPER 125mL 1000ug/mL(M1657) + 0.10000ml of ZINC 125mL 1000ug/mL(M1668) + 0.25000ml of CHEM-CLP-4/ 25L(M1321) + 0.25000ml of SELENIUM 125mL 1000ug/mL(M1660) + 0.25000ml of VANADIUM 125mL 1000ug/mL(M1674) + 0.50000ml of BARIUM 125mL 1000ug/mL(M1659) + 1.00000ml of Iron, Fe, 125 ml, 10,000 ug/ml(M1357) + 2.50000ml of CALCIUM 125mL 10,000ug/mL(M1433) + 2.50000ml of MAGNESIUM 125mL 10,000ug/mL(M1363) + 2.50000ml of POTASSIUM 125mL 10,000ug/mL(M1679) + 2.50000ml of SODIUM 125mL 10,000ug/mL(M1669) + 236 80000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6465) = Final Quantity: 250.000 ml				

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
870	ICPMS SPIKE SOL.B	MP6466	04/13/2011	04/28/2011	jaswal
<u>FROM</u>	5.00000ml of SOIL/WATER SPIKE SOLN 1, 125mL(M1369) + 5.00000ml of SOIL/WATER SPIKE SOLN 4, 125mL(M1210) + 40.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6465) = Final Quantity: 50.000 ml				

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
1120	ICPMS ISM01.2 S1(CONC.)	MP6473	04/13/2011	04/28/2011	jaswal
FROM	0.05000ml of ARSENIC 125mL 1000ug/mL(M1673) + 0.05000ml of BERYLLIUM 125mL 1000ug/mL(M1671) + 0.05000ml of CADMIUM, 125mL 1000ug/mL(M1672) + 0.05000ml of COBALT, 125mL 1000ug/mL(M1665) + 0.05000ml of LEAD 125mL 1000ug/mL(M1598) + 0.05000ml of MANGANESE, 125mL 1000ug/mL(M1656) + 0.05000ml of NICKEL 125mL 1000ug/mL(M1655) + 0.05000ml of SILVER 125mL 1000ug/mL(M1675) + 0.05000ml of THALLIUM 125mL 1000ug/mL(M1676) + 0.10000ml of Aluminium, Al, 125 ml, 10,000 ug/ml(M1356) + 0.10000ml of ANTIMONY HF, 125mL 1,000ug/mL(M1466) + 0.10000ml of CHROMIUM(+3) 125mL 1000ug/mL(M1662) + 0.10000ml of COPPER 125mL 1000ug/mL(M1657) + 0.10000ml of ZINC 125mL 1000ug/mL(M1668) + 0.25000ml of CHEM-CLP-4/ 25L(M1321) + 0.25000ml of SELENIUM 125mL 1000ug/mL(M1660) + 0.25000ml of VANADIUM 125mL 1000ug/mL(M1674) + 0.50000ml of BARIUM 125mL 1000ug/mL(M1659) + 1.00000ml of Iron, Fe, 125 ml, 10,000 ug/ml(M1357) + 2.50000ml of CALCIUM 125mL 10,000ug/mL(M1433) + 2.50000ml of MAGNESIUM 125mL 10,000ug/mL(M1363) + 2.50000ml of POTASSIUM 125mL 10,000ug/mL(M1679) + 2.50000ml of SODIUM 125mL 10,000ug/mL(M1669) + 236.80000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6465) = Final Quantity: 250.000 ml				

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Metals STANDARD PREPARATION LOG

<u>RecipeID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration D</u>	<u>Prepared By</u>
870	ICPMS SPIKE SOL B	MP6466	04/13/2011	04/28/2011	jaswal
<u>FROM</u>	5.00000ml of SOIL/WATER SPIKE SOLN 1, 125mL(M1369) + 5.00000ml of SOIL/WATER SPIKE SOLN 4, 125mL(M1210) + 40.00000ml of ICPMS CALIB BLANK(S0/ICB/CCB)(MP6465) = Final Quantity: 50.000 ml				

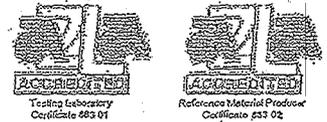


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CERTIFICATE OF ANALYSIS

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2.0 DESCRIPTION OF CRM: Custom Solution
 Catalog No.: CHEM-CLP-4
 Lot Number: D2-MEB328101
 Matrix: 0.7% HF(v/v), 3% HNO3(v/v)

M1321
Rec. date:
08/24/10
MP

1,000.00 µg/mL ea:
 B, Mo, Si, Sh, Ti

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Boron, B	999 ± 4 µg/mL	Molybdenum, Mo	999 ± 4 µg/mL	Silicon, Si	1,001 ± 4 µg/mL
Titanium, Ti	1,000 ± 3 µg/mL	Titanium, Ti	1,003 ± 3 µg/mL		

Certified Density: 1.028 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

(\bar{x}) = mean
 x_i = individual results
 n = number of measurements
 $\sum s_i$ = The summation of all significant estimated errors
 (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

"Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term "in-house std." is specified.

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2.0 DESCRIPTION OF CRM 1000 µg/mL Copper in 3% (v/v) HNO₃

Catalog Number: CGCU1-1, CGCU1-2, and CGCU1-5

Lot Number: D2-CU02121

Starting Material: Cu shot

Starting Material Purity (%): 99.999158

Starting Material Lot No: 1544

Matrix: 3% (v/v) HNO₃

M1657

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,001 ± 3 µg/mL (avg. of 2 methods)

Certified Density: 1.015 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 [(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

"Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term "in-house std." is specified.

4.1 Assay Method #1 1,000 ± 4 µg/mL
 ICP Assay NIST SRM 3114 Lot Number: 011017

Assay Method #2 1,001 ± 2 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 1000 µg/mL Manganese in 3% (v/v) HNO₃

Catalog Number: CGMN1-1, CGMN1-2, and CGMN1-5

Lot Number: D2-MN02079

Starting Material: Mn pieces

Starting Material Purity (%): 99.990792

Starting Material Lot No: R806MNA1

Matrix: 3% (v/v) HNO₃

M1656

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,004 ± 3 µg/mL

Certified Density: 1.015 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 [(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- "Property of the result of a measurement of the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

- This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term "in-house std." is specified.

4.1 Assay Method #1 1,005 ± 4 µg/mL
 ICP Assay NIST SRM 3132 Lot Number: 050429

Assay Method #2 1,004 ± 3 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 1000 µg/mL Zinc in 2% (v/v) HNO₃

Catalog Number: CGZN1-1, CGZN1-2, and CGZN1-5

Lot Number: D2-ZN02065

Starting Material: Zn shot

Starting Material Purity (%): 99.999897

Starting Material Lot No: 1560

Matrix: 2% (v/v) HNO₃

M1668

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 998 ± 4 µg/mL (avg. of 2 methods)

Certified Density: 1.012 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 [(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- "Property of the result of a measurement of the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

- This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 997 ± 4 µg/mL (avg. of 2 runs)
 ICP Assay NIST SRM 3168a Lot Number: 080123

Assay Method #2 999 ± 3 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 10000 µg/mL Aluminum in 7% v/v HNO₃

Catalog Number: CGAL10-1, CGAL10-2, and CGAL10-5

Lot Number: D2-AL04081

Starting Material: Al ingot

Starting Material Purity (%): 99.998843

Starting Material Lot No: C14S012

Matrix: 7% v/v HNO₃

M135B

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 10,015 ± 26 µg/mL

Certified Density: 1.085 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$	$(\bar{x}) = \text{mean}$ $x_i = \text{individual results}$ $n = \text{number of measurements}$
$\text{Uncertainty } (\pm) = \frac{2 \sqrt{(\sum s_i)^2}}{(n)^{1/2}}$	$\sum s_i = \text{The summation of all significant estimated errors}$ $\text{(Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)}$

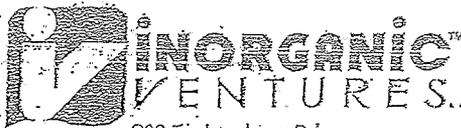
4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

• "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

• This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 9996 ± 4 µg/mL
 ICP Assay NIST SRM 3101a Lot Number: 060502

Assay Method #2 10,015 ± 26 µg/mL
 EDTA NIST SRM 928 Lot Number: 928



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M1551

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2.0 DESCRIPTION OF CRM 10000 µg/mL Phosphorus in H2O
Catalog Number: CGP10-1, CGP10-2, and CGP10-5
Lot Number: D2-P02026
Starting Material: H3PO4
Starting Material Purity (%): 99.999983
Starting Material Lot No: C23813
Matrix: H2O

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 9,997 ± 43 µg/mL (avg. of 2 methods)

Certified Density: 1.014 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n} \quad (\bar{x}) = \text{mean}$$

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{\sum s_i^2}{n} \right]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

• "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

• This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 9,986 ± 66 µg/mL
ICP Assay NIST SRM 3139a Lot Number: 060717
Assay Method #2 10,007 ± 20 µg/mL
Acidimetric NIST SRM 84k Lot Number: 84k

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2.0 DESCRIPTION OF CRM 1000 µg/mL Barium in 0.1% (v/v) HNO₃

Catalog Number: CGBA1-1, CGBA1-2, and CGBA1-5

Lot Number: D2-BA02055

Starting Material: Ba(NO₃)₂

Starting Material Purity (%): 99.999842

Starting Material Lot No: 1514

Matrix: 0.1% (v/v) HNO₃

M 1659

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,007 ± 3 µg/mL

Certified Density: 1.000 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Certified Value $\bar{x} = \frac{\sum x_i}{n}$ (\bar{x}) = mean
 x_i = individual results
 n = number of measurements

Uncertainty $\pm = \frac{2 \left[\left(\sum s_i \right)^2 \right]^{1/2}}{(n)^{1/2}}$ $\sum s_i$ = The summation of all significant estimated errors
 (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

"Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 1,002 ± 4 µg/mL
 ICP Assay NIST SRM 3104a Lot Number: 070222

Assay Method #2 1,007 ± 3 µg/mL
 Gravimetric NIST SRM Lot Number: See Sec. 4.2

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2.0 DESCRIPTION OF CRM 10000 µg/mL Potassium in 2% (v/v) HNO₃

Catalog Number: CGK10-1, CGK10-2, and CGK10-5

Lot Number: D2-K03011

Starting Material: KNO₃

Starting Material Purity (%): 99.998079

Starting Material Lot No: B19P01

Matrix: 2% (v/v) HNO₃

M1679

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 10,029 ± 24 µg/mL

Certified Density: 1.024 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 [(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

"Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 9,984 ± 49 µg/mL
 ICP Assay NIST SRM 3141a Lot Number: 051220

Assay Method #2 10,029 ± 24 µg/mL
 Gravimetric NIST SRM Lot Number: See Sec. 4.2

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2.0 DESCRIPTION OF CRM 10000 µg/mL Calcium in 2% (v/v) HNO₃

Catalog Number: CGCA10-1, CGCA10-2, and CGCA10-5

Lot Number: D2-CA03136

Starting Material: CaO

Starting Material Purity (%): 99.997416

Starting Material Lot No: G47339

Matrix: 2% (v/v) HNO₃

wrong entry
~~M1364~~ DE 3/11/10
 M1438

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 9,973 ± 26 µg/mL

Certified Density: 1.038 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

(\bar{x}) = mean
 x_i = individual results
 n = number of measurements
 $\sum s_i$ = The summation of all significant estimated errors (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

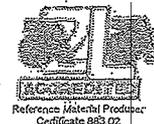
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• This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 9,964 ± 44 µg/mL
 ICP Assay NIST SRM 3109a Lot Number: 050825

Assay Method #2 9,973 ± 26 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 10000 µg/mL Magnesium in 2% (v/v) HNO₃

Catalog Number: CGMG10-1, CGMG10-2, and CGMG10-5

Lot Number: D2-MG03086

Starting Material: Mg metal

Starting Material Purity (%): 99.999533

Starting Material Lot No: 00265067003

Matrix: 2% (v/v) HNO₃

M1363

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 10,049 ± 26 µg/mL

Certified Density: 1.054 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean
 x_i = individual results
 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors
 (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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4.1 Assay Method #1 10,060 ± 57 µg/mL
 ICP Assay NIST SRM 3131a Lot Number: 050302

Assay Method #2 10,049 ± 26 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 10000 µg/mL Sodium in 2% (v/v) HNO₃

Catalog Number: CGNA10-1, CGNA10-2, and CGNA10-5

Lot Number: D2-NA03080

Starting Material: Na₂CO₃

Starting Material Purity (%): 99.997120

Starting Material Lot No: C18157

Matrix: 2% (v/v) HNO₃

M1669

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 10,039 ± 19 µg/mL

Certified Density: 1.034 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \sqrt{(\sum s_i)^2}}{(n)^{3/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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• This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 10,072 ± 41 µg/mL
 ICP Assay NIST SRM 3152a Lot Number: 010728

Assay Method #2 10,039 ± 19 µg/mL
 Gravimetric NIST SRM Lot Number: See Sec. 4.2



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MI436

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2.0 DESCRIPTION OF CRM Stock Solution
Catalog No.: 6020CAL-1
Lot Number: B2-MEB236100
Matrix: 5% HNO3(v/v)

20.00 µg/mL ea:

Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr3, Cu, Fe, K, Mg, Mn, Na, Ni,
Pb, Sb, Se, Ti, V, Zn

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	20.00 ± 0.12 µg/mL	Antimony, Sb	19.95 ± 0.06 µg/mL	Arsenic, As	20.04 ± 0.06 µg/mL
Barium, Ba	19.95 ± 0.06 µg/mL	Beryllium, Be	19.91 ± 0.06 µg/mL	Cadmium, Cd	20.00 ± 0.06 µg/mL
Calcium, Ca	20.04 ± 0.16 µg/mL	Chromium+3, Cr3	20.04 ± 0.07 µg/mL	Cobalt, Co	20.04 ± 0.04 µg/mL
Copper, Cu	20.04 ± 0.05 µg/mL	Iron, Fe	19.98 ± 0.04 µg/mL	Lead, Pb	20.04 ± 0.07 µg/mL
Magnesium, Mg	20.04 ± 0.08 µg/mL	Manganese, Mn	20.04 ± 0.08 µg/mL	Nickel, Ni	20.04 ± 0.07 µg/mL
Potassium, K	20.04 ± 0.08 µg/mL	Selenium, Se	20.04 ± 0.04 µg/mL	Silver, Ag	20.06 ± 0.04 µg/mL
Sodium, Na	20.04 ± 0.10 µg/mL	Thallium, Tl	19.95 ± 0.04 µg/mL	Vanadium, V	20.04 ± 0.07 µg/mL
Zinc, Zn	20.04 ± 0.10 µg/mL				

Certified Density: 1.027 g/mL (measured at 22° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2[(\sum S_i)^2]^{1/2}}{(n)^{1/2}}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$\sum S_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)



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MIG 73

2.0 DESCRIPTION OF CRM 1000 µg/mL Arsenic in 2% (v/v) HNO₃
 Catalog Number: CGAS1-1, CGAS1-2, and CGAS1-5
 Lot Number: D2-AS02066
 Starting Material: As pieces
 Starting Material Purity (%): 99.999032
 Starting Material Lot No: R1107ASB1
 Matrix: 2% (v/v) HNO₃

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 999 ± 5 µg/mL
 Certified Density: 1.011 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{\sum s_i^2}{n} \right]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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4.1 Assay Method #1 999 ± 5 µg/mL
 ICP Assay NIST SRM 3103a Lot Number: 010713
 Assay Method #2 1,000 ± 5 µg/mL
 Calculated NIST SRM Lot Number: See Sec. 4.2



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2.0 DESCRIPTION OF CRM 1000 µg/mL Beryllium in 3% (v/v) HNO₃

Catalog Number: CGBE1-1, CGBE1-2, and CGBE1-5

Lot Number: D2-BE02003

Starting Material: Be(OOCCH₃)₂

Starting Material Purity (%): 99.999948

Starting Material Lot No: 0801-1

Matrix: 3% (v/v) HNO₃

M1671

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,004 ± 6 µg/mL

Certified Density: 1.023 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Certified Value $(\bar{x}) = \frac{\sum x_i}{n}$ (\bar{x}) = mean
 x_i = individual results
 n = number of measurements

Uncertainty $(\pm) = \frac{2 \sqrt{(\sum s_i)^2}}{(n)^{3/2}}$ $\sum s_i$ = The summation of all significant estimated errors
 (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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4.1 Assay Method #1 1,004 ± 6 µg/mL (avg. of 2 runs)
 ICP Assay NIST SRM 3105a Lot Number: 892707

Assay Method #2 1,001 ± 5 µg/mL
 Calculated NIST SRM Lot Number: See Sec. 4.2

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2.0 DESCRIPTION OF CRM 1000 µg/mL Cadmium in 3% (v/v) HNO₃

Catalog Number: CGCD1-1, CGCD1-2, and CGCD1-5

Lot Number: D2-CD02027

Starting Material: Cd shot

Starting Material Purity (%): 99.999656

Starting Material Lot No: R1205CDA1

Matrix: 3% (v/v) HNO₃

M1672

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,002 ± 4 µg/mL (avg. of 2 methods)

Certified Density: 1.015 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{\sum s_i^2}{n} \right]^{1/2}}{(n)^{1/2}}$$

$\sum s_i^2$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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4.1 Assay Method #1 1,002 ± 4 µg/mL
 ICP Assay NIST SRM 3108 Lot Number: 060531

Assay Method #2 1,002 ± 3 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 1000 µg/mL Cobalt in 3% (v/v) HNO₃

Catalog Number: CGCO1-1, CGCO1-2, and CGCO1-5

Lot Number: D2-CO02027

Starting Material: Co powder

Starting Material Purity (%): 99.997516

Starting Material Lot No: KW809COA1

Matrix: 3% (v/v) HNO₃

M1665

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,003 ± 3 µg/mL

Certified Density: 1.019 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Certified Value $(\bar{x}) = \frac{\sum x_i}{n}$ $(\bar{x}) = \text{mean}$
 $x_i = \text{individual results}$
 $n = \text{number of measurements}$

Uncertainty $(\pm) = \frac{2 [(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$ $\sum s_i = \text{The summation of all significant estimated errors}$
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4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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4.1 Assay Method #1 1,003 ± 5 µg/mL
 ICP Assay NIST SRM 3181 Lot Number: 000630

Assay Method #2 1,003 ± 3 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 1000 µg/mL Lead in 0.5% (v/v) HNO₃

Catalog Number: CGPB1-1, CGPB1-2, and CGPB1-5

Lot Number: D2-PB03019

Starting Material: Pb(NO₃)₂

Starting Material Purity (%): 99.999554

Starting Material Lot No: E1007PBA1

Matrix: 0.5% (v/v) HNO₃

M 1598

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,001 ± 3 µg/mL

Certified Density: 1.000 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Certified Value $(\bar{x}) = \frac{\sum x_i}{n}$ (\bar{x}) = mean
 x_i = individual results
 n = number of measurements

Uncertainty $(\pm) = \frac{2 [(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$ $\sum s_i$ = The summation of all significant estimated errors
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4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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4.1 Assay Method #1 999 ± 4 µg/mL
 ICP Assay NIST SRM 3128 Lot Number: 030721

Assay Method #2 1,001 ± 3 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 1000 µg/mL Manganese in 3% (v/v) HNO₃

Catalog Number: CGMN1-1, CGMN1-2, and CGMN1-5

Lot Number: D2-MN02079

Starting Material: Mn pieces

Starting Material Purity (%): 99.990792

Starting Material Lot No: R806MNA1

Matrix: 3% (v/v) HNO₃

M1656

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,004 ± 3 µg/mL

Certified Density: 1.015 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{\sum s_i^2}{n} \right]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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4.1 Assay Method #1 1,005 ± 4 µg/mL
 ICP Assay NIST SRM 3132 Lot Number: 050429

Assay Method #2 1,004 ± 3 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 1000 µg/mL Nickel in 2% (v/v) HNO₃

Catalog Number: CGN11-1, CGN11-2, and CGN11-5

Lot Number: C2-NI02062

Starting Material: Ni pieces

Starting Material Purity (%): 99.999033

Starting Material Lot No: E25T014

Matrix: 2% (v/v) HNO₃

M 1655

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1003 ± 3 µg/mL

Certified Density: 1.012 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n} \quad (\bar{x}) = \text{mean}$$

x_i = individual results
 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}} \quad \sum s_i = \text{The summation of all significant estimated errors}$$

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4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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4.1 Assay Method #1 998 ± 3 µg/mL
 ICP Assay NIST SRM 3136 Lot Number: 000612

Assay Method #2 1003 ± 3 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 1000 µg/mL Silver in 5% (v/v) HNO₃

Catalog Number: CGAG1-1, CGAG1-2, and CGAG1-5

Lot Number: D2-AG03004

Starting Material: Ag shot

Starting Material Purity (%): 99.991024

Starting Material Lot No: E308AGA1

Matrix: 5% (v/v) HNO₃

M1675

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,000 ± 2 µg/mL

Certified Density: 1.025 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{\sum s_i^2}{n} \right]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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4.1 Assay Method #1 1,002 ± 3 µg/mL
 ICP Assay NIST SRM 3151 Lot Number: 992212

Assay Method #2 1,000 ± 2 µg/mL
 Volhard NIST SRM 999b Lot Number: 999b

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- 2.0 DESCRIPTION OF CRM 1000 µg/mL Thallium in 0.7% (v/v) HNO₃
- Catalog Number: CGTL1-1, CGTL1-2, and CGTL1-5
- Lot Number: D2-TL01111
- Starting Material: TINO₃
- Starting Material Purity (%): 99.999671
- Starting Material Lot No: 1479
- Matrix: 0.7% (v/v) HNO₃

M1676

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,000 ± 4 µg/mL

Certified Density: 1.003 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{(\sum s_i)^2}{n} \right]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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- 4.1 Assay Method #1 1,000 ± 4 µg/mL (avg. of 2 runs)
 ICP Assay NIST SRM 3158 Lot Number: 993012

- Assay Method #2 1,001 ± 5 µg/mL
 Calculated NIST SRM Lot Number: See Sec. 4.2

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- 2.0 DESCRIPTION OF CRM 10000 µg/mL Aluminum in 7% v/v HNO₃
- Catalog Number: CGAL10-1, CGAL10-2, and CGAL10-5
- Lot Number: D2-AL04081
- Starting Material: Al ingot
- Starting Material Purity (%): 99.998843
- Starting Material Lot No: C14S012
- Matrix: 7% v/v HNO₃

M135B

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 10,015 ± 26 µg/mL

Certified Density: 1.085 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$(\bar{x}) = \text{mean}$$

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2\sqrt{(\sum s_i)^2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

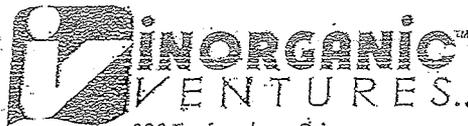
(Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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- 4.1 Assay Method #1 9996 ± 4 µg/mL
 ICP Assay NIST SRM 3101a Lot Number: 060502
- Assay Method #2 10,015 ± 26 µg/mL
 EDTA NIST SRM 928 Lot Number: 928



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M1466

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2.0 DESCRIPTION OF CRM 1000 µg/mL Antimony in HF in 2% v/v HNO₃ / tr. HF
 Catalog Number: CGSBF1-1, CGSBF1-2, and CGSBF1-5
 Lot Number: C2-SB02120
 Starting Material: Sb shot
 Starting Material Purity (%): 99.999512
 Starting Material Lot No: D29N32
 Matrix: 2% v/v HNO₃ / tr. HF

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 993 ± 3 µg/mL
 Certified Density: 1.010 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Certified Value $(\bar{x}) = \frac{\sum x_i}{n}$ $(\bar{x}) = \text{mean}$
 $x_i = \text{individual results}$
 $n = \text{number of measurements}$
 Uncertainty $(\pm) = \frac{2(\sum s_i^2)^{1/2}}{(n)^{1/2}}$ $\sum s_i = \text{The summation of all significant estimated errors}$
 (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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- This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term "in-house std." is specified.

4.1 Assay Method #1 993 ± 3 µg/mL (avg. of 2 runs)
 ICP Assay NIST SRM 3102A Lot Number: 061229
 Assay Method #2 1000 ± 5 µg/mL
 Calculated NIST SRM Lot Number: See Sec. 4.2

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2.0 DESCRIPTION OF CRM 1000 µg/mL Chromium (+3) in 2% (v/v) HNO₃

Catalog Number: CGCR(3)1-1, CGCR(3)1-2, and CGCR(3)1-5

Lot Number: D2-CR03042

Starting Material: Cr pieces

Starting Material Purity (%): 99.993508

Starting Material Lot No: R800A

Matrix: 2% (v/v) HNO₃

M1662

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,000 ± 3 µg/mL

Certified Density: 1.014 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{\sum s_i^2}{n} \right]^{1/2}}{(n)^{1/2}}$$

$\sum s_i^2$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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4.1 Assay Method #1 1,000 ± 3 µg/mL (avg. of 2 runs)
 ICP Assay NIST SRM 3112a Lot Number: 030730

Assay Method #2 1,001 ± 5 µg/mL
 Calculated NIST SRM Lot Number: See Sec. 4.2



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2.0 DESCRIPTION OF CRM 1000 µg/mL Copper in 3% (v/v) HNO₃
 Catalog Number: CGCU1-1, CGCU1-2, and CGCU1-5
 Lot Number: D2-CU02121
 Starting Material: Cu shot
 Starting Material Purity (%): 99.999158
 Starting Material Lot No: 1544
 Matrix: 3% (v/v) HNO₃

M1657

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,001 ± 3 µg/mL (avg. of 2 methods)
 Certified Density: 1.015 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{(\sum s_i)^2}{n} \right]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

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4.1 Assay Method #1 1,000 ± 4 µg/mL
 ICP Assay NIST SRM 3114 Lot Number: 011017
 Assay Method #2 1,001 ± 2 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 1000 µg/mL Zinc in 2% (v/v) HNO₃

Catalog Number: CGZN1-1, CGZN1-2, and CGZN1-5

Lot Number: D2-ZN02065

Starting Material: Zn shot

Starting Material Purity (%): 99.999897

Starting Material Lot No: 1560

Matrix: 2% (v/v) HNO₃

M1668

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 998 ± 4 µg/mL (avg. of 2 methods)

Certified Density: 1.012 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean
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 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 [(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors
 (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

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4.1 Assay Method #1 997 ± 4 µg/mL (avg. of 2 runs)
 ICP Assay NIST SRM 3168a Lot Number: 080123

Assay Method #2 999 ± 3 µg/mL
 EDTA NIST SRM 928 Lot Number: 928



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2.0 DESCRIPTION OF CRM: Custom Solution
Catalog No.: CHEM-CLP-4
Lot Number: D2-MEB328101
Matrix: 0.7% HF(v/v), 3% HNO3(v/v)

*M/321
Rec. date:
02/24/10
MP*

1,000.00 µg/mL ea:

B, Mo, Si, Sn, Ti

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Boron, B	999 ± 4 µg/mL	Molybdenum, Mo	999 ± 4 µg/mL	Silicon, Si	1,001 ± 4 µg/mL
Tin, Sn	1,000 ± 3 µg/mL	Titanium, Ti	1,003 ± 3 µg/mL		

Certified Density: 1.028 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

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n = number of measurements

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$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

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2.0 DESCRIPTION OF CRM 1000 µg/mL Selenium(+4) in 2% (v/v) HNO₃

Catalog Number: CGSE(4)1-1, CGSE(4)1-2, and CGSE(4)1-5

Lot Number: D2-SE02020

Starting Material: Se shot

Starting Material Purity (%): 99.999203

Starting Material Lot No: 1505

Matrix: 2% (v/v) HNO₃

M1660

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,004 ± 3 µg/mL

Certified Density: 1.011 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean
 x_i = individual results
 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{(\sum s_i)^2}{n} \right]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors
(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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4.1 Assay Method #1 1,004 ± 3 µg/mL
ICP Assay NIST SRM 3149 Lot Number: 992106

Assay Method #2 1,007 ± 5 µg/mL
Calculated NIST SRM Lot Number: See Sec. 4.2

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2.0 DESCRIPTION OF CRM: 1000 µg/mL Vanadium in 2% (v/v) HNO₃

Catalog Number: CGV1-1, CGV1-2, and CGV1-5

Lot Number: D2-V02065

Starting Material: V2O₅

Starting Material Purity (%): 99.990563

Starting Material Lot No: 46

Matrix: 2% (v/v) HNO₃

MIG 74

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,007 ± 3 µg/mL

Certified Density: 1.019 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$(\bar{x}) = \text{mean}$$

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{(\sum s_i)^2}{n} \right]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

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4.1 Assay Method #1 1,007 ± 3 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

Assay Method #2 1,003 ± 4 µg/mL
 ICP Assay NIST SRM 3165 Lot Number: 992706

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2.0 DESCRIPTION OF CRM 1000 µg/mL Barium in 0.1% (v/v) HNO₃

Catalog Number: CGBA1-1, CGBA1-2, and CGBA1-5

Lot Number: D2-BA02055

Starting Material: Ba(NO₃)₂

Starting Material Purity (%): 99.999842

Starting Material Lot No: 1514

Matrix: 0.1% (v/v) HNO₃

M1659

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,007 ± 3 µg/mL

Certified Density: 1.000 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

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(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

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4.1 Assay Method #1 1,002 ± 4 µg/mL
 ICP Assay NIST SRM 3104a Lot Number: 070222

Assay Method #2 1,007 ± 3 µg/mL
 Gravimetric NIST SRM Lot Number: See Sec. 4.2

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- 2.0 DESCRIPTION OF CRM 10000 µg/mL Iron in 5% (v/v) HNO₃
- Catalog Number: CGFE10-1, CGFE10-2, and CGFE10-5
- Lot Number: D2-FE03115
- Starting Material: Fe powder
- Starting Material Purity (%): 99.995342
- Starting Material Lot No: 1539
- Matrix: 5% (v/v) HNO₃

M1357

3.0 CERTIFIED VALUES AND UNCERTAINTIES

- Certified Concentration: 10,125 ± 26 µg/mL
- Certified Density: 1.066 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean
 x_i = individual results
 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors
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- 4.1 Assay Method #1 10,130 ± 47 µg/mL (avg. of 3 runs)
 ICP Assay NIST SRM 3126a Lot Number: 051031
- Assay Method #2 10,125 ± 26 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 10000 µg/mL Calcium in 2% (v/v) HNO₃
 Catalog Number: CGCA10-1, CGCA10-2, and CGCA10-5
 Lot Number: D2-CA03136
 Starting Material: CaO
 Starting Material Purity (%): 99.997416
 Starting Material Lot No: G47339
 Matrix: 2% (v/v) HNO₃

wrong entry
~~M1364~~ DE 3/11/10
 M1433

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 9,973 ± 26 µg/mL
 Certified Density: 1.038 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$	$\bar{x} = \text{mean}$ $x_i = \text{individual results}$ $n = \text{number of measurements}$
$\text{Uncertainty } (\pm) = \frac{2(\sum s_i^2)^{1/2}}{(n)^{1/2}}$	$\sum s_i = \text{The summation of all significant estimated errors}$ <p>(Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)</p>

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties. (ISO VIM, 2nd ed., 1993, definition 6.10)
- This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 9,964 ± 44 µg/mL
 ICP Assay NIST SRM 3109a Lot Number: 050825

 Assay Method #2 9,973 ± 26 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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- 2.0 DESCRIPTION OF CRM 10000 µg/mL Magnesium in 2% (v/v) HNO₃
- Catalog Number: CGMG10-1, CGMG10-2, and CGMG10-5
- Lot Number: D2-MG03086
- Starting Material: Mg metal
- Starting Material Purity (%): 99.999533
- Starting Material Lot No: 00265067003
- Matrix: 2% (v/v) HNO₃

M1363

3.0 CERTIFIED VALUES AND UNCERTAINTIES

- Certified Concentration: 10,049 ± 26 µg/mL
- Certified Density: 1.054 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n} \quad (\bar{x}) = \text{mean}$$

x_i = individual results
 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}} \quad \sum s_i = \text{The summation of all significant estimated errors}$$

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)
- This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

- 4.1 Assay Method #1 10,060 ± 57 µg/mL
 ICP Assay NIST SRM 3131a Lot Number: 050302
- Assay Method #2 10,049 ± 26 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

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2.0 DESCRIPTION OF CRM 10000 µg/mL Potassium in 2% (v/v) HNO₃
 Catalog Number: CGK10-1, CGK10-2, and CGK10-5
 Lot Number: D2-K03011
 Starting Material: KNO₃
 Starting Material Purity (%): 99.998079
 Starting Material Lot No.: B19P01
 Matrix: 2% (v/v) HNO₃

M1679

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 10,029 ± 24 µg/mL

Certified Density: 1.024 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{\sum s_i^2}{n} \right]^{1/2}}{(n)^{1/2}}$$

$\sum s_i^2$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

"Property of the result of a measurement of the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 9,984 ± 49 µg/mL
 ICP Assay NIST SRM 3141a Lot Number: 051220
 Assay Method #2 10,029 ± 24 µg/mL
 Gravimetric NIST SRM Lot Number: See Sec. 4.2



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2.0 DESCRIPTION OF CRM 10000 µg/mL Sodium in 2% (v/v) HNO₃
 Catalog Number: CGNA10-1, CGNA10-2, and CGNA10-5
 Lot Number: D2-NA03080
 Starting Material: Na₂CO₃
 Starting Material Purity (%): 99.997120
 Starting Material Lot No: C18157
 Matrix: 2% (v/v) HNO₃

M1669

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 10,039 ± 19 µg/mL

Certified Density: 1.034 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \sqrt{\frac{\sum s_i^2}{n}}}{(n)^{3/4}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

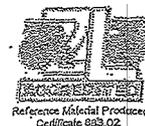
4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 10,072 ± 41 µg/mL
 ICP Assay NIST SRM 3152a Lot Number: 010728
 Assay Method #2 10,039 ± 19 µg/mL
 Gravimetric NIST SRM Lot Number: See Sec. 4.2

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2.0 DESCRIPTION OF CRM 10000 µg/mL Magnesium in 2% (v/v) HNO₃

Catalog Number: CGMG10-1, CGMG10-2, and CGMG10-5

Lot Number: D2-MG03086

Starting Material: Mg metal

Starting Material Purity (%): 99.999533

Starting Material Lot No: 00265067003

Matrix: 2% (v/v) HNO₃

M1363

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 10,049 ± 26 µg/mL

Certified Density: 1.054 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean
 x_i = individual results
 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

"Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 10,060 ± 57 µg/mL
 ICP Assay NIST SRM 3131a Lot Number: 050302

Assay Method #2 10,049 ± 26 µg/mL
 EDTA NIST SRM 928 Lot Number: 928

R: 08/30/10

M1518

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2.0 DESCRIPTION OF CRM Custom Solution
 Catalog No.: IV-STOCK-12
 Lot Number: C2-MEB313146MCA
 Matrix: 5% HNO₃(v/v)

10.00 µg/mL ea:

Ba, Be, Bi, Ce, Co, In, Li, Ni, Pb, U

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Barium, Ba	10.02 ± 0.02 µg/mL	Beryllium, Be	10.04 ± 0.03 µg/mL	Bismuth, Bi	10.02 ± 0.03 µg/mL
Cerium, Ce	10.02 ± 0.03 µg/mL	Cobalt, Co	10.03 ± 0.02 µg/mL	Indium, In	10.02 ± 0.05 µg/mL
Lead, Pb	10.01 ± 0.04 µg/mL	Lithium, Li	10.02 ± 0.05 µg/mL	Nickel, Ni	10.03 ± 0.02 µg/mL
Uranium, U	10.02 ± 0.03 µg/mL				

Certified Density: 1.026 g/mL (measured at 22° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean
 x_i = individual results
 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i^2)]^{1/2}}{(n)^{1/2}}$$

$\sum s_i^2$ = The summation of all significant estimated errors
 (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

Certified Abundance: The ²³⁵U in this standard is depleted. The Certified abundances in Atom % are as follows:
 IV's Certified Abundance

Isotope	Atom%
Uranium 238U	99.8 ± 0.1
235U	0.25 ± 0.05

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

"Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)
 This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

R: 09/07/10



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2.0 DESCRIPTION OF CRM Stock Solution
Catalog No : 6020ISS
Lot Number: D2-MEB324021
Matrix: 7% HNO3(v/v)

10.00 µg/mL ea:

Bi, Ho, In, Li6, Rh, Sc, Tb, Y

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
6 Lithium, Li6	10.01 ± 0.02 µg/mL	Bismuth, Bi	10.01 ± 0.02 µg/mL	Holmium, Ho	10.01 ± 0.04 µg/mL
Indium, In	10.01 ± 0.02 µg/mL	Rhodium, Rh	10.00 ± 0.04 µg/mL	Scandium, Sc	10.01 ± 0.02 µg/mL
Terbium, Tb	10.00 ± 0.02 µg/mL	Yttrium, Y	9.99 ± 0.02 µg/mL		

Certified Density: 1.033 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean
 x_i = individual results
 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors
(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

Certified Abundance: The 6Li in this standard is enhanced. The Certified abundances in Atom % are as follows:
IV's Certified Abundance

Isotope	Atom%
Lithium Li6	95.9 ± 0.3
Li7	4.1 ± 0.1

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

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MM1879

M1369

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2.0 DESCRIPTION OF CRM Stock Solution
 Catalog No.: CLPP-SPK-1
 Lot Number: B2-MEB263022
 Matrix: 7% HNO3(v/v)

2,000.00 µg/mL ea:

Al, Ba,

1,000.00 µg/mL ea:

Fe,

500.00 µg/mL ea:

Co, Mn, Ni, V, Zn,

250.00 µg/mL ea:

Cu,

200.00 µg/mL ea:

Cr3,

50.00 µg/mL ea:

Ag, Be

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	2,000 ± 7 µg/mL	Barium, Ba	2,000 ± 8 µg/mL	Beryllium, Be	49.91 ± 0.08 µg/mL
Chromium+3, Cr3	200.2 ± 0.7 µg/mL	Cobalt, Co	499.8 ± 1.0 µg/mL	Copper, Cu	249.5 ± 0.6 µg/mL
Iron, Fe	1,000 ± 4 µg/mL	Manganese, Mn	500.0 ± 1.1 µg/mL	Nickel, Ni	500.4 ± 1.3 µg/mL
Silver, Ag	49.94 ± 0.20 µg/mL	Vanadium, V	500.1 ± 1.8 µg/mL	Zinc, Zn	500.0 ± 2.5 µg/mL

Certified Density: 1.070 g/mL (measured at 22° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)



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2.0 DESCRIPTION OF CRM Stock Solution
Catalog No.: CLPP-SPK-4
Lot Number: A2-MEB194140
Matrix: 2% HNO3(abs)

100.00 µg/mL ea:

Sb,

50.00 µg/mL ea:

Cd, Tl,

40.00 µg/mL ea:

As,

20.00 µg/mL ea:

Pb,

10.00 µg/mL ea:

Se

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	100.3 ± 0.4 µg/mL	Arsenic, As	40.08 ± 0.13 µg/mL	Cadmium, Cd	50.10 ± 0.12 µg/mL
Lead, Pb	20.03 ± 0.06 µg/mL	Selenium, Se	10.04 ± 0.04 µg/mL	Thallium, Tl	50.08 ± 0.17 µg/mL

Certified Density: 1.014 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

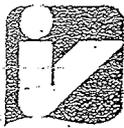
$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

"Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported



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2.0 **DESCRIPTION OF CRM** 1000 µg/mL Thorium in 4% (v/v) HNO₃
 Catalog Number: CGTH1-1, CGTH1-2, and CGTH1-5
 Lot Number: C2-TH01079
 Starting Material: Th(NO₃)₄x4H₂O
 Starting Material Purity (%): 99.999912
 Starting Material Lot No: X0033369-8
 Matrix: 4% (v/v) HNO₃

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 993 ± 3 µg/mL

Certified Density: 1.022 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean
 x_i = individual results
 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 **TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS**

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• This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term "in-house std." is specified.

4.1 **Assay Method #1** 993 ± 3 µg/mL
 EDTA NIST SRM 928 Lot Number: 928
Assay Method #2 993 ± 3 µg/mL
 ICP Assay NIST SRM 3159 Lot Number: 992912



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R: 11/29/10

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2.0 DESCRIPTION OF CRM **1000 µg/mL Uranium in 2% (v/v) HNO₃**
 Catalog Number: CGU1-1, CGU1-2, and CGU1-5
 Lot Number: D2-U01084
 Starting Material: UO₂(NO₃)2.6H₂O
 Starting Material Purity (%): 99.999942
 Starting Material Lot No: N55947
 Matrix: 2% (v/v) HNO₃

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 1,015 ± 4 µg/mL

Certified Density: 1.009 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean
 x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 \left[\frac{\sum s_i^2}{n} \right]^{1/2}}{(n)^{1/4}}$$

$\sum s_i$ = The summation of all significant estimated errors
 (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

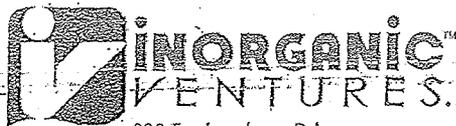
Certified Abundance: The ²³⁵U in this standard is depleted. The Certified abundances in Atom % are as follows:
 U's Certified Abundance

Isotope	Atom %
Uranium 238U	99.7 ± 0.1
235U	0.29 ± 0.05

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

• "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

• This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.



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2.0 DESCRIPTION OF CRM 10000 µg/mL Uranium in 2% (v/v) HNO3
 Catalog Number: CGU10-1, CGU10-2, and CGU10-5
 Lot Number: C2-U01081
 Starting Material: UO2(NO3)2.6H2O
 Starting Material Purity (%): 99.999940
 Starting Material Lot No: N55947
 Matrix: 2% (v/v) HNO3

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 10,297 ± 42 µg/mL
 Certified Density: 1.022 g/mL (measured at 22° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean
 x_i = individual results
 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2t(\sum s_i)^2}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors
 (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

"Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 Assay Method #1 10,297 ± 42 µg/mL
 ICP Assay NIST SRM 3164 Lot Number: 891509
 Assay Method #2 10,000 ± 50 µg/mL
 Calculated NIST SRM Lot Number: See Sec. 4.2



300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

R: 11/03/09

CERTIFICATE OF ANALYSIS

tel: 800.669.6799 • 540.585.3030
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M1382

1.0 INORGANIC VENTURES is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."



2.0 DESCRIPTION OF CRM 1000 µg/mL Thorium in 4% (v/v) HNO₃
 Catalog Number: CGTH1-1, CGTH1-2, and CGTH1-5
 Lot Number: C2-TH01079
 Starting Material: Th(NO₃)₄·4H₂O
 Starting Material Purity (%): 99.999912
 Starting Material Lot No: X0033369-8
 Matrix: 4% (v/v) HNO₃

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Concentration: 993 ± 3 µg/mL

Certified Density: 1.022 g/mL (measured at 20 ± 1 °C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i^2)]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

• "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

• This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term "in-house std." is specified.

4.1 Assay Method #1 993 ± 3 µg/mL
 EDTA NIST SRM 928 Lot Number: 928
 Assay Method #2 993 ± 3 µg/mL
 ICP Assay NIST SRM 3159 Lot Number: 992912



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 inorganicventures.com

CERTIFICATE OF ANALYSIS

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M1360

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2.0 **DESCRIPTION OF CRM** Custom Second Source Solution
 Catalog No.: CHEM-QC-4
 Lot Number: A2-MEB243011
 Matrix: 0.17% HF(abs), 2% HNO3(abs)

Second Source: Whenever possible, this solution was manufactured from a second set of concentrates in our manufacturing facility.

1,000.00 µg/mL ea:
 B, Mo, Si, Sn, Ti

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Boron, B	1,000 ± 6 µg/mL	Molybdenum, Mo	1,001 ± 4 µg/mL	Silicon, Si	1,000 ± 2 µg/mL
Tin, Sn	1,000 ± 3 µg/mL	Titanium, Ti	1,002 ± 4 µg/mL		

Certified Density: 1.031 g/mL (measured at 20 ± 1° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean
 x_i = individual results
 n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors
 (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

"Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

R: 11/29/2010

M1677

- 1.0 **INORGANIC VENTURES** is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."



- 2.0 **DESCRIPTION OF CRM** **1000 µg/mL Uranium in 2% (v/v) HNO₃**
- Catalog Number: CGU1-1, CGU1-2, and CGU1-5
- Lot Number: D2-U01084
- Starting Material: UO₂(NO₃)₂·6H₂O
- Starting Material Purity (%): 99.999942
- Starting Material Lot No: N55947
- Matrix: 2% (v/v) HNO₃

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 1,015 ± 4 µg/mL

Certified Density: 1.009 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2 [(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

Certified Abundance: The ²³⁵U in this standard is depleted. The Certified abundances in Atom % are as follows:
 IV's Certified Abundance

Isotope	Atom%
Uranium 238U	99.7 ± 0.1
235U	0.29 ± 0.05

4.0 **TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS**

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This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

R: 11/29/2010

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M1670

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- 2.0 **DESCRIPTION OF CRM** **1000 µg/mL Thorium in 4% (v/v) HNO₃**
- Catalog Number: CGTH1-1, CGTH1-2, and CGTH1-5
- Lot Number: C2-TH01079
- Starting Material: Th(NO₃)₄·4H₂O
- Starting Material Purity (%): 99.999912
- Starting Material Lot No: X0033369-8
- Matrix: 4% (v/v) HNO₃

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 993 ± 3 µg/mL

Certified Density: 1.022 g/mL (measured at 20 ± 1°C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

(\bar{x}) = mean

x_i = individual results

n = number of measurements

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$\sum s_i$ = The summation of all significant estimated errors

(Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 **TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS**

"Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term "in-house std." is specified.

4.1 **Assay Method #1** **993 ± 3 µg/mL**
 EDTA NIST SRM 928 · Lot Number: 928

Assay Method #2 **993 ± 3 µg/mL**
 ICP Assay NIST SRM 3159 · Lot Number: 992912

QATS INORGANIC REFERENCE MATERIAL
INTERFERENCE CHECK SAMPLE FOR ICP-MS
PART A (0803) WITH PART B (0803)

PART A → M1440 - M1444

Preparation and analysis must be performed according to the following instructions:

Part A (0803), Interferents: Pipet 10 mL of the Part A solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO₃. Analyze this solution, Soln. A, by ICP-MS.

Part B (0803), Analytes, mixed with Part A (0803), Interferents: Pipet 10 mL of the Part A solution and 10 mL of the Part B solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO₃. Analyze this solution, Soln. AB, by ICP-MS.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS PART A (0803), AND PART A (0803) MIXED WITH PART B (0803)		
Element	Concentration (µg/L) Part A	Concentration (µg/L) Part A + Part B
Al	[100000]	[100000]
Sb	(1.5)	22
As	(0.1)	19
Ba	(1.2)	22
Be	(0)	19
Cd	(0.7)	20
Ca	[100000]	[100000]
C	[200000]	[200000]
Cl	[1000000]	[1000000]
Cr	21	40
Co	1	20
Cu	8	25
Fe	[100000]	[100000]
Pb	4	25
Mg	[100000]	[100000]
Mn	7	27
Mo	[2000]	[2000]
Ni	6	24
P	[100000]	[100000]
K	[100000]	[100000]
Se	(0.3)	19
Ag	(0)	18
Na	[100000]	[100000]
S	[100000]	[100000]
Tl	(0)	21
Tl	[2000]	[2000]
V	(0.5)	19
Zn	11	29

[] Indicates analytes that do not require ICP-MS determination in the ICS.

() Indicates analyte values that are less than the CRQL and the value is to be used as a set point for the ± 3 times CRQL acceptance criteria calculations.

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QATS INORGANIC REFERENCE MATERIAL
 INTERFERENCE CHECK SAMPLE FOR ICP-MS
 PART A (0803) WITH PART B (0803)

PART B → M1460 - M1464

Preparation and analysis must be performed according to the following instructions:

Part A (0803), Interferents: Pipet 10 mL of the Part A solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO₃. Analyze this solution, Soln. A, by ICP-MS.

Part B (0803), Analytes, mixed with Part A (0803), Interferents: Pipet 10 mL of the Part A solution and 10 mL of the Part B solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO₃. Analyze this solution, Soln. AB, by ICP-MS.

Table 1. CERTIFIED VALUES FOR INTERFERENCE CHECK SAMPLE ICP-MS PART A (0803) AND PART A (0803) MIXED WITH PART B (0803)		
Element	Concentration (µg/L) Part A	Concentration (µg/L) Part A + Part B
Al	[100000]	[100000]
Sb	(1.5)	22
As	(0.1)	19
Ba	(1.2)	22
Be	(0)	19
Cd	(0.7)	20
Ca	[100000]	[100000]
C	[200000]	[200000]
Cl	[1000000]	[1000000]
Cr	21	40
Co	1	20
Cu	8	25
Fe	[100000]	[100000]
Pb	4	25
Mg	[100000]	[100000]
Mn	7	27
Mo	[2000]	[2000]
Ni	6	24
P	[100000]	[100000]
K	[100000]	[100000]
Se	(0.3)	19
Ag	(0)	18
Na	[100000]	[100000]
S	[100000]	[100000]
Tl	(0)	21
Ti	[2000]	[2000]
V	(0.5)	19
Zn	11	29

[] Indicates analytes that do not require ICP-MS determination in the ICS.

() Indicates analyte values that are less than the CRQL and the value is to be used as a set point for the ± 3 times CRQL acceptance criteria calculations.



www.thermo.com

R: 12/30/10

g

Tune D25 Cross Cal Solution

Catalog Number: 1600636
Lot Number: L01008
Job Number: J00011929
Lot Issue Date: 08/30/2010
Expiration Date: 09/30/2012

M1710

This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The analyte concentrations were verified by our ISO 17025 accredited laboratory to be within $\pm 5\%$, when compared to calibration standards independently prepared using NIST SRM(s). The certified value and uncertainty value for each analyte is determined gravimetrically.

Analyte	True Value	Analytical Method	NIST SRM
aluminum	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3101a
arsenic	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3103a
barium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3104a
beryllium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3105a
calcium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3109a
cadmium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3108
cobalt	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3113
chromium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3112a
copper	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3114
iron	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3126a
lead	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3128
magnesium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3131a
manganese	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3132
molybdenum	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3134
nickel	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3136
potassium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3141a
selenium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3149
sodium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3152a
thallium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3158
* vanadium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3165
zinc	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3168a
indium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3124a
lithium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3129a
uranium	10.00 \pm 0.05 mg/L	ICP / ICP-MS	3164

Matrix: 5% nitric acid in low TOC water (< 50 ppb)

* light sensitive

ULTRA uses purified acids, 18 megohm double deionized water, calibrated Class A glassware & meticulously cleaned bottles in the manufacturing of ULTRAgadé standards. Balances used in the manufacturing of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001.

R: 9/8/10

QATS INORGANIC REFERENCE MATERIAL
INITIAL CALIBRATION VERIFICATION SOLUTIONS
(ICVs)

M1573 → M1582

ICV1-0307		
Element	Concentration (µg/L) (after 10 fold dilution)	Concentration (µg/L) (after 50 fold dilution)
Al	2521	504
Sb	994	199
As	999	200
Ba	497	99
Be	495	99
Cd	496	99
Ca	10026	2005
Cr	490	98
Co	499	100
Cu	492	98
Fe	5082	1016
Pb	1002	200
Mg	6074	1215
Mn	499	100
Ni	503	101
K	10021	2004
Se	1029	206
Ag	501	100
Na	10097	2019
Tl	1028	206
V	501	100
Zn	1025	205

ICV2-0601	
Element	Concentration (µg/L) (after 20 fold dilution)
As	52.6
Se	50.8

ICV3-0500	
Element	Concentration (µg/L) (after 10 fold dilution)
Sb	999

9/8/10

ISM01.2
200-8



ICP-MS.
Water Sample Preparation Sheet
C185T



PrepBatch ID : **PB54697**
 SDG No : _____
 Matrix : Water
 Method : MISM01.2 - metals - ICP-MS-01
 Initial Volume : 50 ML
 Final Volume : 50 ML
 Hot Plate Temp : 195° 2. 3.

Batch# **PB54697**
 ICP Digest Date: 04 / 15 / 11
 Sample Received By : [Signature]
 Dig Technician Signature: Bhupendra Patel
 Supervisor Signature: [Signature]
 Prep Code: CWI
[Signature]
 411511

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	0.50 ml	MP 6473
Spike Sol. B	0.50 ml	MP 6466 .
		<u>[Signature]</u> 411511

Chemical Used	Lot Number
1:1 HNO3	MP 6370
1:1 HCL	MP 5402

Date / Time	Received By	Relinquished By	Location
4/15/11 4:00 PM	<u>[Signature]</u>	Bhupendra Patel	ICP-LAB
	Analysis Group	Digestion Group	
	DR, <u>(S)</u> PM	NP, PM, RD	

Lab Sample ID	Customer Sample Number	Color Before	Color After	Clarity Before	Clarity After	PH	Comments
C1851-01	MF3T40	C	C	CL	CL	42	
C1851-02	MF3T40D	C	C	CL	CL	42	Z 4/11/01
C1851-03	MF3T40S	C	C	CL	CL	42	spike sol B MP6466
C1851-04	MF3T41	C	C	CL	CL	42	
C1851-05	MF3T42	C	C	CL	CL	42	
C1851-06	MF3T52	C	C	CL	CL	42	
C1851-07	MF3T43	C	C	CL	CL	42	
C1851-08	MF3T44	C	C	CL	CL	42	
C1851-09	MF3T45	C	C	CL	CL	42	
C1851-10	MF3T46	C	C	CL	CL	42	
C1851-11	MF3T47	C	C	CL	CL	42	
C1851-12	MF3T49	C	C	CL	CL	42	
C1851-13	MF3T50	C	C	CL	CL	42	
C1851-14	MF3T51	C	C	CL	CL	42	
C1851-15	MF3T48	C	C	CL	CL	42	
C1851-16	MF3T53	C	C	CL	CL	42	
C1851-17	MF3T64	C	C	CL	CL	42	
C1851-18	MF3T70	C	C	CL	CL	42	
C1851-19	MF3TB9	C	C	CL	CL	42	
C1851-20	MF3TC0	C	C	CL	CL	42	
C1851-21	MF3TC1	C	C	CL	CL	42	
C1851-22	MF3TD3	C	C	CL	CL	42	
PB54697BL	PB54697BL PBW	C	C	CL	CL	42	4/11/01
PB54697BS	PB54697BS LCS	C	C	CL	CL	42	MP6473

BL
4/11/01
BL
4/11/01

* BL=Blank BS=Blank Spike TB=TCLP Blank
 * COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black
 * CLARITY: CL=Clear CD=Cloudy O=Opaque

Lab Sample ID	Customer Sample Number	Color Before	Color After	Clarity Before	Clarity After	PH	Comments
C1851-01	MF3T40	Colorless	Colorless	Clear	Clear	<2	
C1851-02	MF3T40D	Colorless	Colorless	Clear	Clear	<2	<i>Z-12</i> <i>4/15/11</i>
C1851-03	MF3T40S	Colorless	Colorless	Clear	Clear	<2	<i>SPIKE SOL-B MP6466</i>
C1851-04	MF3T41	Colorless	Colorless	Clear	Clear	<2	
C1851-05	MF3T42	Colorless	Colorless	Clear	Clear	<2	
C1851-06	MF3T52	Colorless	Colorless	Clear	Clear	<2	
C1851-07	MF3T43	Colorless	Colorless	Clear	Clear	<2	
C1851-08	MF3T44	Colorless	Colorless	Clear	Clear	<2	
C1851-09	MF3T45	Colorless	Colorless	Clear	Clear	<2	
C1851-10	MF3T46	Colorless	Colorless	Clear	Clear	<2	
C1851-11	MF3T47	Colorless	Colorless	Clear	Clear	<2	
C1851-12	MF3T49	Colorless	Colorless	Clear	Clear	<2	
C1851-13	MF3T50	Colorless	Colorless	Clear	Clear	<2	
C1851-14	MF3T51	Colorless	Colorless	Clear	Clear	<2	
C1851-15	MF3T48	Colorless	Colorless	Clear	Clear	<2	
C1851-16	MF3T53	Colorless	Colorless	Clear	Clear	<2	
C1851-17	MF3T64	Colorless	Colorless	Clear	Clear	<2	
C1851-18	MF3T70	Colorless	Colorless	Clear	Clear	<2	
C1851-19	MF3TB9	Colorless	Colorless	Clear	Clear	<2	
C1851-20	MF3TC0	Colorless	Colorless	Clear	Clear	<2	
C1851-21	MF3TC1	Colorless	Colorless	Clear	Clear	<2	
C1851-22	MF3TD3	Colorless	Colorless	Clear	Clear	<2	
PB54697BL	PB54697BL <i>PBW</i>	Colorless	Colorless	Clear	Clear	<2	<i>4/15/11</i>
PB54697BS	PB54697BS <i>LCS</i>	Colorless	Colorless	Clear	Clear	<2	<i>MP 6473</i>

BL
4/15/11

BL
4/15/11

* BL=Blank BS=Blank Spike TB=TCLP Blank

* COLOR: R=Red BU=Blue Y=Yellow GR=Green O=Orange V=Violet W=White C=Colorless BR=Brown GY=Grey BL=Black

* CLARITY: CL=Clear CD=Cloudy O=Opaque

From: (972) 315-3922
Jose Flores
EA Engineering, Science, & Tec
11801 West County Road 128

Origin ID: MAFA



J1151102250225

Odessa, TX 79765

Ship Date: 12APR11
ActWgt: 50.0 LB
CAD: 1247365/NET3130

Delivery Address Bar Code



SHIP TO: (908) 789-8900

BILL SENDER

Snehal Mehta
CHEMTECH CONSULTING GROUP
284 SHEFFIELD ST

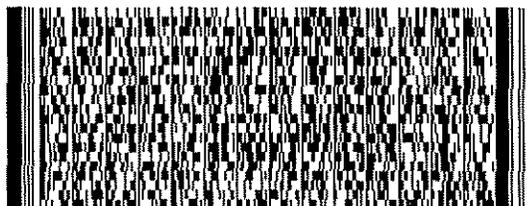
MOUNTAINSIDE, NJ 07092

*4/13/11
9:30*

Ref # 1434265.B.3
Invoice #
PO #
Dept #

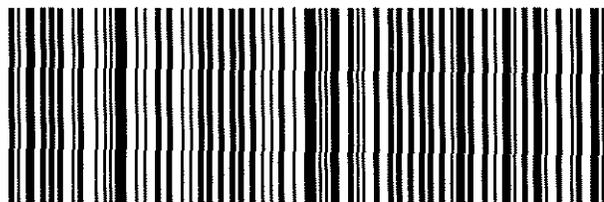
WED - 13 APR A1
PRIORITY OVERNIGHT

TRK# 7946 3300 0045
0201



XA CDWA

07092
NJ-US
EWR



50DG3/25A8/7EFB

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*Cooler - 2
Shipment*

480

From: (972) 315-3922
Jose Flores
EA Engineering, Science, & Tec
11801 West County Road 128

Odessa, TX 79765

Origin ID: MAFA



J11151102250225

Ship Date: 12APR11
ActWgt: 50.0 LB
CAD: 1247365/NET3130

Delivery Address Bar Code



JU
4-13-11
9:30

SHIP TO: (908) 789-8900

BILL SENDER

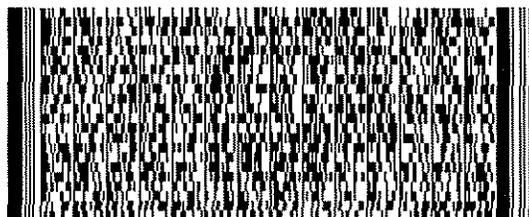
Snehal Mehta
CHEMTECH CONSULTING GROUP
284 SHEFFIELD ST

Ref # 1434265.B.3
Invoice #
PO #
Dept #

MOUNTAINSIDE, NJ 07092

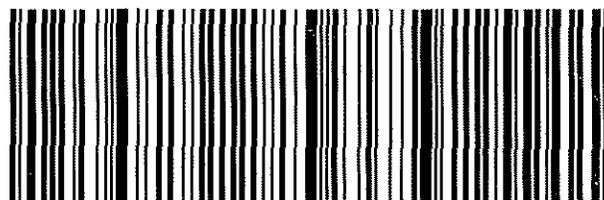
WED - 13 APR A1
PRIORITY OVERNIGHT

TRK# 7969 7135 9702
0201



XA CDWA

07092
NJ-US
EWR



5DDG32SAB7EFB

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*Cooler-1
Shipment*

481

From: (972) 315-3922
Jose Flores
EA Engineering, Science, & Tec
11801 West County Road 128

Origin ID: MAFA



J11151102250225

Odessa, TX 79765

Ship Date: 12APR11
ActWgt: 50.0 LB
CAD: 1247365/NET3130

Delivery Address Bar Code



Handwritten: JW
4-13-11
930

SHIP TO: (908) 789-8900

BILL SENDER

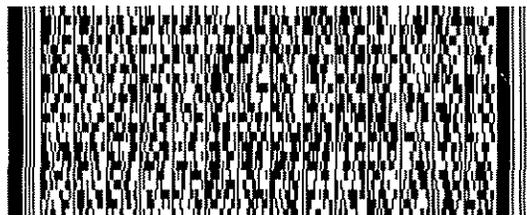
Snehal Mehta
CHEMTECH CONSULTING GROUP
284 SHEFFIELD ST

Ref # 1434265.B.3
Invoice #
PO #
Dept #

MOUNTAINSIDE, NJ 07092

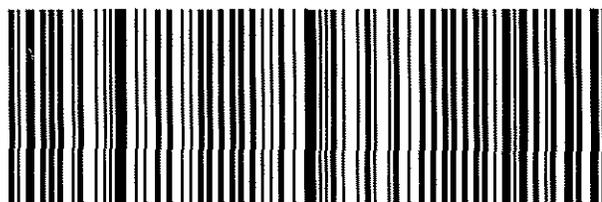
WED - 13 APR A1
PRIORITY OVERNIGHT

TRK# 7969 7136 0202
0201



XA CDWA

07092
NJ-US
EWR



50DG326A87/EFB

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*Cooler # 4
shipment*

482



LOGIN REPORT

Order ID:	<u>C1851</u>	<u>USEP01</u>	Order Date:	<u>4/13/2011</u>	Project Mgr:	<u>snehal</u>
Client Name:	<u>USEPA CLP SMO</u>		Project Name:	<u>41214</u>	Report Type:	<u>USEPA CLP</u>
Client Contact:	<u>Anita Kapadia</u>		Rec DateTime	<u>4/13/2011 9:30:00 AM</u>	EDD:	<u>EPA CLP</u>
Invoice Name:	<u>USEPA CLP SMO</u>		Purchase Order:		Hard Copy Date:	<u>1</u>
Invoice Contact:	<u>Account Payable</u>		Login Tech:	<u>MAYUR</u>	Date Signoff:	<u>4/13/2011 1:54:17 PM</u>

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE QTY	TEST TIME	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
C1851-01	MF3T40	Water	4/11/2011	13:25	1	Metals CLP MS	ISM01.2		15 Bu	May 4 2011 9:30AM May 4 2011 9:30AM
C1851-02	MF3T40D	Water	4/11/2011	13:25	1	Metals CLP MS	ISM01.2		15 Bu	May 4 2011 9:30AM May 4 2011 9:30AM
C1851-03	MF3T40S	Water	4/11/2011	13:25	1	Metals CLP MS	ISM01.2		15 Bu	May 4 2011 9:30AM May 4 2011 9:30AM
C1851-04	MF3T41	Water	4/11/2011	13:55	1	Metals CLP MS	ISM01.2		15 Bu	May 4 2011 9:30AM May 4 2011 9:30AM
C1851-05	MF3T42	Water	4/11/2011	15:00	1	Metals CLP MS	ISM01.2		15 Bu	May 4 2011 9:30AM May 4 2011 9:30AM
C1851-06	MF3T52	Water	4/11/2011	15:49	1	Metals CLP MS	ISM01.2		15 Bu	May 4 2011 9:30AM May 4 2011 9:30AM



LOGIN REPORT

Order ID:	C1851	USEP01	Order Date:	4/13/2011	Project Mgr:	snehal
Client Name:	USEPA CLP SMO		Project Name:	41214	Report Type:	USEPA CLP
Client Contact:	Anita Kapadia		Rec DateTime:	4/13/2011 9:30:00 AM	EDD:	EPA CLP
Invoice Name:	USEPA CLP SMO		Purchase Order:		Hard Copy Date:	2
Invoice Contact:	Account Payable		Login Tech:	MAYUR	Date Signoff:	4/13/2011 1:54:17 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE QTY	TEST TIME	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
C1851-07	MF3T43	Water	4/11/2011	12:55	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-08	MF3T44	Water	4/11/2011	12:55	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-09	MF3T45	Water	4/11/2011	13:27	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-10	MF3T46	Water	4/11/2011	13:55	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-11	MF3T47	Water	4/11/2011	14:45	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-12	MF3T49	Water	4/11/2011	13:50	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM



LOGIN REPORT

Order ID:	C1851	USEP01	Order Date:	4/13/2011	Project Mgr:	snehal
Client Name:	USEPA CLP SMO		Project Name:	41214	Report Type:	USEPA CLP
Client Contact:	Anita Kapadia		Rec DateTime	4/13/2011 9:30:00 AM	EDD:	EPA CLP
Invoice Name:	USEPA CLP SMO		Purchase Order:		Hard Copy Date:	2
Invoice Contact:	Account Payable		Login Tech:	MAYUR	Date Signoff:	4/13/2011 1:54:17 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE QTY	TEST TIME	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates
C1851-13	MF3T50	Water	4/11/2011	14:22	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-14	MF3T51	Water	4/11/2011	14:45	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-15	MF3T48	Water	4/11/2011	16:08	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-16	MF3T53	Water	4/11/2011	16:48	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-17	MF3T64	Water	4/12/2011	8:55	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-18	MF3T70	Water	4/11/2011	17:36	1	Metals CLP MS	ISM01.2	15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM



LOGIN REPORT

Order ID: <u>C1851</u> <u>USEP01</u>	Order Date: <u>4/13/2011</u>	Project Mgr: <u>snehal</u>
Client Name: <u>USEPA CLP SMO</u>	Project Name: <u>41214</u>	Report Type: <u>USEPA CLP</u>
Client Contact: <u>Anita Kapadia</u>	Rec DateTime: <u>4/13/2011 9:30:00 AM</u>	EDD: <u>EPA CLP</u>
Invoice Name: <u>USEPA CLP SMO</u>	Purchase Order:	Hard Copy Date: <u>3</u>
Invoice Contact: <u>Account Payable</u>	Login Tech: <u>MAYUR</u>	Date Signoff: <u>4/13/2011 1:54:17 PM</u>

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE QTY	TEST TIME	TEST GROUP	METHOD	COMMENT	FAX DATE	Due Dates	
C1851-19	MF3TB9	Water	4/11/2011	17:15	1	Metals CLP MS	ISM01.2		15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-20	MF3TC0	Water	4/11/2011	16:50	1	Metals CLP MS	ISM01.2		15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-21	MF3TC1	Water	4/12/2011	9:25	1	Metals CLP MS	ISM01.2		15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM
C1851-22	MF3TD3	Water	4/12/2011	9:27	1	Metals CLP MS	ISM01.2		15 Bu	May 4 2011 9:30AM	May 4 2011 9:30AM

SAMPLE CONDITION RECORD

Are samples submitted with a chain of custody? Yes

Are the number of samples the same as stated on the chain of custody? Yes

Are bottle caps tight and securely in place? Yes

Were all containers intact when received? Yes

Were samples submitted in an ice chest? Yes

Were samples received cold? Yes

Were samples within the holding time for the requested test(s)? Yes

Is the volume of sample submitted sufficient for the requested test(s)? Yes

Are all samples for volatile organic analyses free of headspace? NA

ORDER COMMENT

Case-41214, SDG-MF3T40, See ASR in PM Folder

WORKLIST(Hardcopy Internal Chain)

WorkList Name : C1851W

WorkList ID : 36486

Date : 4/15/2011 9:17:43 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/27/2011	Water	C1851-01	Metals CLP MS	1:1	USEP01	A21	MF3T40	04/11/2011	ISM01.2
04/27/2011	Water	C1851-02	Metals CLP MS	1:1	USEP01	A21	MF3T40D	04/11/2011	ISM01.2
04/27/2011	Water	C1851-03	Metals CLP MS	1:1	USEP01	A21	MF3T40S	04/11/2011	ISM01.2
04/27/2011	Water	C1851-04	Metals CLP MS	1:1	USEP01	A21	MF3T41	04/11/2011	ISM01.2
04/27/2011	Water	C1851-05	Metals CLP MS	1:1	USEP01	A21	MF3T42	04/11/2011	ISM01.2
04/27/2011	Water	C1851-06	Metals CLP MS	1:1	USEP01	A21	MF3T52	04/11/2011	ISM01.2
04/27/2011	Water	C1851-07	Metals CLP MS	1:1	USEP01	A21	MF3T43	04/11/2011	ISM01.2
04/27/2011	Water	C1851-08	Metals CLP MS	1:1	USEP01	A21	MF3T44	04/11/2011	ISM01.2
04/27/2011	Water	C1851-09	Metals CLP MS	1:1	USEP01	A21	MF3T45	04/11/2011	ISM01.2
04/27/2011	Water	C1851-10	Metals CLP MS	1:1	USEP01	A21	MF3T46	04/11/2011	ISM01.2
04/27/2011	Water	C1851-11	Metals CLP MS	1:1	USEP01	A21	MF3T47	04/11/2011	ISM01.2
04/27/2011	Water	C1851-12	Metals CLP MS	1:1	USEP01	A21	MF3T49	04/11/2011	ISM01.2
04/27/2011	Water	C1851-13	Metals CLP MS	1:1	USEP01	A21	MF3T50	04/11/2011	ISM01.2
04/27/2011	Water	C1851-14	Metals CLP MS	1:1	USEP01	A21	MF3T51	04/11/2011	ISM01.2
04/27/2011	Water	C1851-15	Metals CLP MS	1:1	USEP01	A21	MF3T48	04/11/2011	ISM01.2
04/27/2011	Water	C1851-16	Metals CLP MS	1:1	USEP01	A21	MF3T53	04/11/2011	ISM01.2
04/27/2011	Water	C1851-17	Metals CLP MS	1:1	USEP01	A21	MF3T64	04/12/2011	ISM01.2
04/27/2011	Water	C1851-18	Metals CLP MS	1:1	USEP01	A21	MF3T70	04/11/2011	ISM01.2
04/27/2011	Water	C1851-19	Metals CLP MS	1:1	USEP01	A21	MF3TB9	04/11/2011	ISM01.2
04/27/2011	Water	C1851-20	Metals CLP MS	1:1	USEP01	A21	MF3TC0	04/11/2011	ISM01.2
04/27/2011	Water	C1851-21	Metals CLP MS	1:1	USEP01	A21	MF3TC1	04/12/2011	ISM01.2

Date/Time

4-15-11 10:00 AM

Received by:

[Signature]

Relinquished by:

[Signature]

Date/Time

4/15/11 11:00 AM

Received by:

[Signature]

Relinquished by:

[Signature]

WORKLIST(Hardcopy Internal Chain)

WorkList Name : C1851W

WorkList ID : 36486

Date : 4/15/2011 9:17:43 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/27/2011	Water	C1851-22	Metals CLP MS	1:1	USEP01	A21	MF3TD3	04/12/2011	ISM01.2

Date/Time

4-15-11 10:00 AM

Received by:

Relinquished by:

Bhupendra
Kankar

Date/Time

4-15-11 11:00 AM

Received by:

Relinquished by:

Kankar
Bhupendra
Kankar

Project Code

Project Code
CLP Case No.

Station No.

Month/Day/Year

Time

Designate:

Comp.

Grab

4/11/11

1325

6-455701

Tag Number

Station Location

Samplers (Signatures)

[Signature]

Concentration:

L

M

H

Lab Sample No.

Case Number

C1851

F
A
C

CP-MS

Tag Number: 6-455701

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

765

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1325	Designate:	
				Comp.	Grab
6- Tag Number 455700	Station Location		Samplers (Signatures) <i>Javier Mayano</i>		
	Lab Sample No.	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H Case Number: 41214 Sample Number: MF3T40 Station Location: GW-312-MS/MD Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455700			

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1325	Designate:	
				Comp.	Grab
6- Tag Number 455701	Station Location		Samplers (Signatures) <i>Javier Mayano</i>		
	Lab Sample No.	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H Case Number: 41214 Sample Number: MF3T40 Station Location: GW-312-MS/MD Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455701			

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1355	Designate:	
				Comp.	Grab
6- Tag Number 455702	Station Location		Samplers (Signatures) <i>Javier Mayano</i>		
	Lab Sample No.	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H Case Number: 41214 Sample Number: MF3T41 Station Location: GW-272 Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455702			

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1500	Designate:	
				Comp.	Grab
Tag Number 6-455703	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Remarks:	Case Number: 41214 Sample Number: MF3T42 Station Location: GW-384 Sample Type: Grab Perservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455703		

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1255	Designate:	
				Comp.	Grab
Tag Number 6-455704	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Remarks:	Case Number: 41214 Sample Number: MF3T43 Station Location: GW-550 Sample Type: Grab Perservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455704		

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1255	Designate:	
				Comp.	Grab
Tag Number 6-455705	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Remarks:	Case Number: 41214 Sample Number: MF3T44 Station Location: GW-550-D Sample Type: Grab Perservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455705		

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1327	Designate:	
				Comp.	Grab
Tag Number 6-455706	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H Hemirans.		Case Number: 41214 Sample Number: MF3T45 Station Location: GW-294 Sample Type: Grab Perservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455706		

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1355	Designate:	
				Comp.	Grab
Tag Number 6-455707	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H Hemirans.		Case Number: 41214 Sample Number: MF3T46 Station Location: GW-152 Sample Type: Grab Perservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455707		

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1445	Designate:	
				Comp.	Grab
Tag Number 6-455708	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H H.		Case Number: 41214 Sample Number: MF3T47 Station Location: GW-166 Sample Type: Grab Perservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455708		

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
				Comp.	Grab

4/11/11 1608

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Tag Number 6-455709	Station Location	Samplers (Signatures)
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Remarks: Case Number: 41214 Sample Number: MF3T48 Station Location: GW-164 Sample Type: Grab Perservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455709

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
				Comp.	Grab

4/11/11 1350

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Tag Number 6-455710	Station Location	Samplers (Signatures)
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Remarks: Case Number: 41214 Sample Number: MF3T49 Station Location: GW-704 Sample Type: Grab Perservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455710

Project Code CLP Case No.	Station No.	Month/Day/Year	Time	Designate:	
				Comp.	Grab

4/11/11 1422

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Tag Number 6-455711	Station Location	Samplers (Signatures)
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Remarks: Case Number: 41214 Sample Number: MF3T50 Station Location: GW-054 Sample Type: Grab Perservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455711

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1445	Designate:	
				Comp.	Grab
Tag Number 6-455712	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Humanity:	Case Number: 41214 Sample Number: MF3T51 Station Location: GW-053 Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455712		

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1549	Designate:	
				Comp.	Grab
Tag Number 6-455713	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Remarks:	Case Number: 41214 Sample Number: MF3T52 Station Location: GW-267 Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455713		

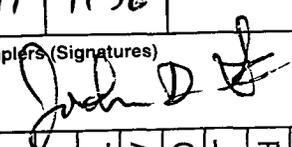
GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-546-765

Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1648	Designate:	
				Comp.	Grab
Tag Number 6-455714	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Humanity:	Case Number: 41214 Sample Number: MF3T53 Station Location: GW-056 Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455714		

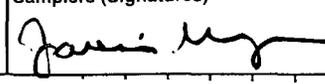
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Project Code CLP Case No.	Station No.	Month/Day/Year 4/12/11	Time 0855	Designate:	
				Comp.	Grab
Tag Number 6-455726	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Case Number: 41214 Sample Number: MF3T64 Station Location: GW-281 Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455726			

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Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1736	Designate:	
				Comp.	Grab
Tag Number 6-455732	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Remarks:	Case Number: 41214 Sample Number: MF3T70 Station Location: GW-055 Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455732		

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Project Code CLP Case No.	Station No.	Month/Day/Year 4/11/11	Time 1715	Designate:	
				Comp.	Grab
Tag Number 6-455784	Station Location		Samplers (Signatures) 		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H		Case Number: 41214 Sample Number: MF3TB9 Station Location: GW-345 Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455784		

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Project Code CLP Case No.	Station No.	Month/Day/Year 4/12/11	Time 1650	Designate:	
				Comp.	Grab
Tag Number 6-455785	Station Location		Samplers (Signatures) Javier Mangano		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Case Number: 41214 Sample Number: MF3TC0 Station Location: GW-359 Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455785			

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Project Code CLP Case No.	Station No.	Month/Day/Year 04/12/11	Time 925	Designate:	
				Comp.	Grab
Tag Number 6-455786	Station Location		Samplers (Signatures) Javier Mangano		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Case Number: 41214 Sample Number: MF3TC1 Station Location: GW-366 Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455786			

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Project Code CLP Case No.	Station No.	Month/Day/Year 4/12/11	Time 0927	Designate:	
				Comp.	Grab
Tag Number 6-455798	Station Location		Samplers (Signatures) Javier Mangano		
	Concentration: <input type="checkbox"/> L <input type="checkbox"/> M <input type="checkbox"/> H	Case Number: 41214 Sample Number: MF3TD3 Station Location: GW-030 Sample Type: Grab Preservative: HNO3 Analysis: CLP TM ISM01.2 ICP-MS Concentration: L Tag Number: 6-455798			

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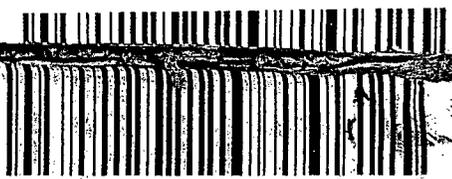
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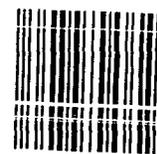
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